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OM protein - protein search, using sw mode

Run on: May 13, 2004, 16:35:00 ; Search time 39.5 Seconds (without alignments)

Scoring table: BLOSUM62

Perfect score: US-09-674-035B-4

Sequence: 1 MYRPDVVRARKRKYCWEWPWVII.....PGVYTRVTALRDWITSKTGTI 422

Title: Gapop 10.0 , Gapext 0.5

Searched: 114568 seqs, 278261457 residues

Total number of hits satisfying chosen parameters: 114568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Lassing first 45 summaries

Database : Published_Applications_RA:
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 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	2245	99.4	422	14	US-10-032-189-64	Sequence 64, App1
2	2245	99.4	422	14	US-10-032-122-3	Sequence 3, App1
3	2245	99.4	423	10	US-09-946-374-269	Sequence 146, App
4	2245	99.4	423	10	US-10-206-915-320	Sequence 269, App
5	2245	99.4	423	12	US-10-199-670-320	Sequence 320, App
6	2245	99.4	423	12	US-10-201-858-320	Sequence 320, App
7	2245	99.4	423	12	US-10-205-890-320	Sequence 320, App
8	2245	99.4	423	12	US-10-208-024-320	Sequence 320, App
9	2245	99.4	423	12	US-10-201-853-320	Sequence 320, App
10	2245	99.4	423	12	US-10-063-745-106	Sequence 106, App
11	2245	99.4	423	12	US-10-063-512-106	Sequence 106, App
12	2245	99.4	423	12	US-10-063-513-106	Sequence 106, App
13	2245	99.4	423	12	US-10-063-515-106	Sequence 106, App
14	2245	99.4	423	12	US-10-063-549-106	Sequence 106, App
15	2245	99.4	423	12	US-10-063-553-106	Sequence 106, App

ALIGNMENTS

RESULT 1
 US-10-032-189-64 ; Sequence 64, Application US/10032189
 GENERAL INFORMATION: ; Publication No. US20030170630A1
 / APPLICANT: Alisbrook II, John P
 / APPLICANT: Tchernev, Velizar T
 / APPLICANT: Liu, Xiaohong
 / APPLICANT: Spytek, Kimberly A
 / APPLICANT: Zerhusen, Bryan D
 / APPLICANT: Pattearan, Meera
 / APPLICANT: Grossie, William M
 / APPLICANT: Burgess, Catherine E
 / APPLICANT: Shukerts, Richard A
 / APPLICANT: Grosse, William M
 / APPLICANT: Szekeres, Edward S
 / APPLICANT: Lepley, Denise M
 / APPLICANT: Vernet, Corine A.M.
 / APPLICANT: Li, Li
 / APPLICANT: Casman, Stacie J
 / APPLICANT: Boldog, Ferenc L
 / APPLICANT: Gorman, Linda
 / APPLICANT: Gangolfi, Esra A
 / APPLICANT: Fernandes, Elma R
 / APPLICANT: Rieger, Daniel K
 / APPLICANT: Edinger, Shlomit R
 / APPLICANT: Gunther, Erik
 / APPLICANT: Millet, Isabelle
 / APPLICANT: Sciore, Paul
 / APPLICANT: Elerman, Karen
 / APPLICANT: MacDouall, Glennanda
 / APPLICANT: Smithson, Glennanda
 / TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 / FILE REFERENCE: 21402-228
 / CURRENT APPLICATION NUMBER: US/10/032,189
 / CURRENT FILING DATE: 2001-12-21
 / PRIOR APPLICATION NUMBER: 60/257,495
 / PRIOR FILING DATE: 2000-12-21

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; PRIORITY APPLICATION NUMBER: 60/258,171
; PRIORITY FILING DATE: 2000-12-20
; PRIORITY APPLICATION NUMBER: 60/269,940
; PRIORITY FILING DATE: 2001-02-20
; PRIORITY APPLICATION NUMBER: 60/274,192
; PRIORITY FILING DATE: 2001-03-08
; PRIORITY APPLICATION NUMBER: 60/277,826
; PRIORITY FILING DATE: 2001-03-22
; PRIORITY APPLICATION NUMBER: 60/279,840
; PRIORITY FILING DATE: 2001-03-29
; PRIORITY APPLICATION NUMBER: 60/282,981
; PRIORITY FILING DATE: 2001-04-11
; PRIORITY APPLICATION NUMBER: 60/283,656
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 3
; LENGTH: 422
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-032-122-3

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Query Match 99.4%; Score 2245; DB 14; Length 422;

Best Local Similarity 99.3%; Pred. No. 1.7e-217;

Matches 419; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MYRPDVVRARKVCPWPTWIGLWFMISLIVLAVICGTVTHYRYNQKCTTNYYSTLSFTT 60
Db 1 MYRPDVVRARKVCPWPTWIGLWFMISLIVLAVICGTVTHYRYNQKCTTNYYSTLSFTT 60

Qy 61 DKLYAEGREASNNFTMSQRLESMKVAFYKSPLREFVKSYIKFSSQKHGVLAHML 120
Db 61 DKLYAEGREASNNFTMSQRLESMKVAFYKSPLREFVKSYIKFSSQKHGVLAHML 120

Qy 121 ICRFHSTEDPETVDKIVOLVHLKLQDAVGPYCUDPHSYWKIKNKETDVKINHCCSTR 180
Db 121 ICRFHSTEDPETVDKIVOLVHLKLQDAVGPYCUDPHSYWKIKNKETDVKINHCCGR 180

Qy 181 RSKTLGOSLRIVCGTEVEGEWWQASLQWDGSHRCGATLINTAWLVAHCFTTYKNP 240
Db 181 RSKTLGOSLRIVCGTEVEGEWWQASLQWDGSHRCGATLINTAWLVAHCFTTYKPA 240

Qy 241 RWTASFGTIKPKMKGRLRITIHECKHPHDYDISLAEELSPVPTNAHVRCLPDA 300
Db 241 RWTASFGTIKSKMKGRLRITIHECKHPHDYDISLAEELSPVPTNAHVRCLPDA 300

Qy 301 SYFQPQGDYMFVTFGGAALKNDGXSQNLROAQVTLIDATTNCBEPQAYNDAITPRMLCAGS 360
Db 301 SYFQPQGDYMFVTFGGAALKNDGXSQNLROAQVTLIDATTNCBEPQAYNDAITPRMLCAGS 360

Qy 361 LRGKTDACQGDSSGGLPVYSDARDIWIYLAGIVSSGDEAKPNPKGVYTRVTAIRDWITSKT 420
Db 361 LRGKTDACQGDSSGGLPVYSDARDIWIYLAGIVSSGDEAKPNPKGVYTRVTAIRDWITSKT 420

Qy 421 GI 422
Db 421 GI 422

RESULT 3 US-09-796-753-146

Qy 301 SYEFQPQSDYMFVTFGGAALKNDGXSQNLROAQVTLIDATTNCBEPQAYNDAITPRMLCAGS 360
Db 301 SYEFQPQSDYMFVTFGGAALKNDGXSQNLROAQVTLIDATTNCBEPQAYNDAITPRMLCAGS 360

Qy 361 LRGKTDACQGDSSGGLPVYSDARDIWIYLAGIVSSGDEAKPNPKGVYTRVTAIRDWITSKT 420
Db 361 LRGKTDACQGDSSGGLPVYSDARDIWIYLAGIVSSGDEAKPNPKGVYTRVTAIRDWITSKT 420

Qy 421 GI 422
Db 421 GI 422

RESULT 2 US-10-032-122-3

Qy Sequence 3, Application US/10332122
Db Publication No. US20030027998A1

Qy GENERAL INFORMATION:
Db GENERAL INFORMATION:

Qy APPLICANT: McCarthy, Sean A.
Db APPLICANT: McCarthy, Sean A.

Qy TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
Db TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF

Qy FILE REFERENCE: 7853-227-999
Db FILE REFERENCE: 7853-227-999

Qy CURRENT APPLICATION NUMBER: 2001-03-01
Db CURRENT APPLICATION NUMBER: 2001-03-01

Qy PRIOR APPLICATION NUMBER: 09/183,175
Db PRIOR APPLICATION NUMBER: 09/183,175

Qy PRIOR FILING DATE: 1998-12-30
Db PRIOR FILING DATE: 1998-12-30

Qy PRIORITY NUMBER: 09/223,094
Db PRIORITY NUMBER: 09/223,094

Qy RESULT 146, Application US/09796753
Db RESULT 146, Application US/09796753

Qy PRIORITY NUMBER: 09/224,246
Db PRIORITY NUMBER: 09/224,246

Qy PRIORITY NUMBER: 1998-12-30
Db PRIORITY NUMBER: 1998-12-30

Qy PRIORITY NUMBER: 09/259,188
Db PRIORITY NUMBER: 09/259,188

Qy PRIORITY NUMBER: 60/122,458
Db PRIORITY NUMBER: 60/122,458

Qy PRIORITY NUMBER: 09/03-01
Db PRIORITY NUMBER: 09/03-01

Qy PRIORITY NUMBER: 09/312,359
Db PRIORITY NUMBER: 09/312,359

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QY	421	GI 422	
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	US-09-944-374-269		
	; Sequence 269; Application US/09946374		
	; Publication No. US20030073129A1		
	; GENERAL INFORMATION:		
	; APPLICANT: Baker, Kevin P.		
	; APPLICANT: Botstein, David		
	; APPLICANT: Desnoyers, Luc		
	; APPLICANT: Eaton, Dan L.		
	; APPLICANT: Ferrara, Napoleone		
	; APPLICANT: Fong, Sherman		
	; APPLICANT: Gao, Wei-Qiang		
	; APPLICANT: Goddard, Audrey		
	; APPLICANT: Grimaldi, Christopher J.		
	; APPLICANT: Guiney, Austin L.		
	; APPLICANT: Hallan, Kenneth J.		
	; APPLICANT: Pan, James		
	; APPLICANT: Paoni, Nicholas F.		
	; APPLICANT: Roy, Margaret Ann		
	; APPLICANT: Smith, Victoria		
	; APPLICANT: Stewart, Timothy A.		
	; APPLICANT: Tumas, Daniel		
	; APPLICANT: Watanabe, Colin K.		
	; APPLICANT: Williams, P. Mickey		
	; APPLICANT: Wood, William I.		
	; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic		
	; TITLE OF INVENTION: Acids Encoding the Same		
	; FILE REFERENCE: P2330P1CL		
	CURRENT APPLICATION NUMBER: US/09/946,374		
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	PRIOR APPLICATION NUMBER: 60/098716		
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Matches 419; Similarity 93.3%; Pred. No. 1.7e-217; Indels 0; Gaps 0;			
QY	1	MYPDVVRARKRVCEPWVTLGLWETSLITYLAVCIGTVTHYVRYNQKTKTNYSTLSFT	60
Db	2	MYPDVVRARKRVCEPWVTLGLWETSLITYLAVCIGTVTHYVRYNQKTKTNYSTLSFT	61
QY	61	DKYAEFGREASNNFTEMQRLESNVKAQYKSPREEFYKSQVIKFDSQKQHGVLAHMJ	120
Db	62	DKYAEFGREASNNFTEMQRLESNVKAQYKSPREEFYKSQVIKFDSQKQHGVLAHMJ	121
QY	121	IICRFHSTDPEVDKIVQLVHLCKQDAYGPPKTDPHSVIKKINKTEDSLHNHCGR	180
Db	122	IICRFHSTDPEVDKIVQLVHLCKQDAYGPPKTDPHSVIKKINKTEDSLHNHCGR	181
QY	181	RSKTLGQSLRIVGGTEVEGEWPQASLONDGSRCGATLINATLVSARHCFTYKNP	240
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    / PRIOR APPLICATION NUMBER: 60/105807

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Skele ✓
Skele 10 #3

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Query Match 99.4%; Score 2245; DB 10; Length 423;
Best Local Similarity 99.3%; Pred. No. 1..7e-217;
Matches 419; Conserv. 2; Mismatches 1; Indels 0; Gaps 0;
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 61 DKLAYAEFGREASNNFTEMSORLESMYKSPPLREFEYKQSQVIKESQOKHGTIAHMIL 124
 62 DKLAYAEFGREASNNFTEMSORLESMYKSPPLREFEYKQSQVIKESQOKHGTIAHMIL 124
 121 ICREFNSTEDPPTVDKIVQLVHEKLQDAVCPPKWDPSVKIKCANKTEDSYLNCCGPR 184
 122 ICREFNSTEDPPTVDKIVQLVHEKLQDAVCPPKWDPSVKIKCANKTEDSYLNCCGPR 184
 181 RSKTLGQSLRIVGGTEVEGPWQASLQDNGSHRGATLINTAIVLVAHCFITYKNPA 24
 182 RSKTLGQSLRIVGGTEVEGPWQASLQDNGSHRGATLINTAIVLVAHCFITYKNPA 24
 241 RWTASPVGTTIKPSKMRKGRLRRITVHEKVKYKPHSPHDYDISLAELSPVPTNAVHRYCLPDA 30
 242 RWTASPVGTTIKPSKMRKGRLRRITVHEKVKYKPHSPHDYDISLAELSPVPTNAVHRYCLPDA 30
 301 SYEFQGDYMMTVTGALKNDGYSQNHLRQAQVTLIDATCNEPQAYNDAAITPMLCAGS 36
 302 SYEFQGDYMMTVTGALKNDGYSQNHLRQAQVTLIDATCNEPQAYNDAAITPMLCAGS 36
 361 LEGKTDACQDGSGLYSSDARDIWIYLAGIVSGDECAKPNKGTYVTRTALRDMITSKT 42
 362 LEGKTDACQDGSGLYSSDARDIWIYLAGIVSWSGDECAKPNKGTYVTRTALRDMITSKT 42
 421 GI 422
 422 GI 423

SULT 5

1-10-2006-915-320

Sequence 320, Application US/10206915

Publication No. US20040029221A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Chen, Jian
 APPLICANT: Desnoyers, Luc
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Pan, James
 APPLICANT: Smith, Victoria
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3430R1C513
 CURRENT APPLICATION NUMBER: US/10/206,915
 CURRENT FILING DATE: 2002-07-26
 PRIOR APPLICATION NUMBER: 10/052586
 PRIOR FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059266
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
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 PRIOR FILING DATE: 1997-10-24
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 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE: 1997-10-28

Prior Application data removed - See File Wrapper or Palm.

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; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 320
; LENGTH: 423
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-206-915-320

Query Match          99
Best Local Similarity 99
Matches   419; Conservativ

Qy      1 MYRPDTPARKVC
Db      2 MYRPDVTRAKVC
Qy      61 DKLXAFGREASNN
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Qy      181 RSKTFLGSLSRIVCG
Db      182 RSKTFLGSSLRIVCG
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Qy      301 SYEFQPGDVMFVTG
Db      302 SYEFQPGDVMFVTG
Qy      361 LEGKTDAQGDSSG
Db      362 LEGKTDAQGDSSG
Qy      421 GI 422
Db      422 GI 423

RESULT 6
US-10-199-670-320
; Sequence 320, Application
; Publication No. US20040033
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Godowski, Andre
; APPLICANT: Godowski, Paul
; APPLICANT: Gurney, Austin
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Coli
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRE
; TITLE OF INVENTION: ACTID
; FILE REFERENCE: P34309LIC4
; CURRENT APPLICATION NUMBER:
; CURRENT FILING DATE: 200
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE: 2002-0
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE: 1997-0
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE: 1997-1
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE: 1997-1

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PRIOR APPLICATION NUMBER: 60/063120
 PRIOR FILING DATE: 1997-10-4
 PRIOR APPLICATION NUMBER: 60/063121
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063486
 PRIOR FILING DATE: 1997-10-21
 PRIOR APPLICATION NUMBER: 60/063540
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063541
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE: 1997-10-28
 Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 612
 SEQ ID NO: 320
 LENGTH: 423
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-10-199-670-320

Query Match 99.4%; Score 2245; DB 12; Length 423;
 Best Local Similarity 99.3%; Pred. No. 1.7e-217;
 Matches 419; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MYRPDVYARKCWEPMVIGLQMFISLIVLAVICGTVHYTRYNQQKTYNTYSTLSFTT 60
 Db 2 MYRPDVYARKCWEPMVIGLQMFISLIVLAVICGTVHYTRYNQQKTYNTYSTLSFTT 61

Qy 61 DKLYAEGFREASNNFTMSQRLESMTVNAFYSPLEEFVKSQVIKSQQKGVLAMLL 120
 Db 62 DKLYAEGFREASNNFTMSQRLESMTVNAFYSPLEEFVKSQVIKSQQKGVLAMLL 121

Qy 121 ICRFHSTEDPETYDVKIVOLVHLHEKLDAVGPPKVDPHSKVKKINKETDSYLNHCCGTR 180
 Db 122 ICRFHSTEDPETYDVKIVOLVHLHEKLDAVGPPKVDPHSKVKKINKETDSYLNHCCGTR 181

Qy 181 RSKTLGQSHRIVGGTEVEGEWPMQASLQWDGSHRCCATLNAWTWLSAAHCFTTYKNPA 240
 Db 182 RSKTLGQSHRIVGGTEVEGEWPMQASLQWDGSHRCCATLNAWTWLSAAHCFTTYKNPA 241

Qy 241 RWTASFGTYIKPSKMRGKLRRIIVHEKYKHPSHDYDISIAELSSPVPTNAVRVCPLDA 300
 Db 242 RWTASFGTYIKPSKMRGKLRRIIVHEKYKHPSHDYDISIAELSSPVPTNAVRVCPLDA 301

Qy 301 SYEFQPGDVMFTGFGALKNDGYSONHRLRQAQVTLIDATTCTNEPQYANDAITPRMLCAGS 360
 Db 302 SYEFQPGDVMFTGFGALKNDGYSONHRLRQAQVTLIDATTCTNEPQYANDAITPRMLCAGS 361

Qy 361 LEGKTDACGDSGCPVSSDARDIWLLAGIVSSDECAPNKEGVYTRVTLRDWTSKTT 420
 Db 362 LEGKTDACGDSGCPVSSDARDIWLLAGIVSSDECAPNKEGVYTRVTLRDWTSKTT 421

Qy 421 GI 422
 Db 422 GI 423

RESULT 7
 US-10-201-858-320
 ; Sequence 320, Application US/10201858
 ; Publication No. US20040038337A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: DeNoyers, Inc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Waranabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin

RESULT 8
 US-10-205-890-320
 ; Sequence 320, Application US/1020590

Publication No. US20040048334A1
 GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Chen, Jian.
 / APPLICANT: Desnoyers, Luc.
 / APPLICANT: Goddard, Audrey.
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Pan, James.
 / APPLICANT: Smith, Victoria.
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Wood, William I.
 / APPLICANT: Zhang, Zemin.

TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P430R1C19
 CURRENT FILING DATE: US/10/205, 890
 PRIOR APPLICATION NUMBER: 10/052386
 PRIOR APPLICATION NUMBER: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059266
 PRIOR FILING DATE 1997-09-18
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE 1997-10-17
 PRIOR APPLICATION NUMBER: 60/063120
 PRIOR FILING DATE 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063121
 PRIOR FILING DATE 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063486
 PRIOR FILING DATE 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063540
 PRIOR FILING DATE 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063541
 PRIOR FILING DATE 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE 1997-10-28
 PRIOR Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 612
 / SEQ ID NO: 320
 / LENGTH: 423
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 US-10-205-90-320

Query Match 99.4%; Score 2245; DB 12; Length 423;
 Best Local Similarity 99.3%; Pred. No. 1..7e-27;
 Matches 419; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYRPDVTRKRVCVWEPVIGLYMFISIVIAVGTVHTRYNQKTYNNYSTLSFTT 60
 Db 2 MYRPDVTRKRVCVWEPVIGLYMFISIVIAVGTVHTRYNQKTYNNYSTLSFTT 61
 QY 61 DKLYAEGREASNFTEMSVNAFYSKPLREFVKSQVIKSQKHGVLAHMLL 120
 Db 62 DKLYAEGREASNFTEMSVNAFYSKPLREFVKSQVIKSQKHGVLAHMLL 121
 QY 121 ICRFHSTPDETDKIVYOLVHLQDAVGPPKUDPHSVKIKKINKETDSYLNHCCTGTR 180
 Db 122 ICRFHSTPDETDKIVYOLVHLQDAVGPPKUDPHSVKIKKINKETDSYLNHCCTGTR 181
 QY 181 RSKTLGQSLRIVGSTEDEGEWNQASLOWDGSHRCGATLINTWLSAAHCTPYKNA 240
 Db 182 RSKTLGQSLRIVGSTEDEGEWNQASLOWDGSHRCGATLINTWLSAAHCTPYKNA 241
 QY 241 RWTASFGVTKPSKMRGRRIIIVHEKYKHPSEHDYDLSAELSSPVPTNAVHRVCLPDA 300
 Db 242 RWTASFGVTKPSKMRGRRIIIVHEKYKHPSEHDYDLSAELSSPVPTNAVHRVCLPDA 301
 QY 301 SYEFQPQGDYMFVTGFGALKNDGYSQNHLRQAQVTLIDATTCTNCNPDAQYNDAITPRMLCAGS 360
 Db 302 SYEFQPQGDYMFVTGFGALKNDGYSQNHLRQAQVTLIDATTCTNCNPDAQYNDAITPRMLCAGS 361

RESULT 9
 US-10-208-024-320
 ; Sequence 320, Application US/10208024
 ; Publication No. US20040048335A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Chen, Jian.
 / APPLICANT: Desnoyers, Luc.
 / APPLICANT: Goddard, Audrey.
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Pan, James.
 / APPLICANT: Smith, Victoria.
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Wood, William I.
 / APPLICANT: Zhang, Zemin.
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / ACIDS ENCODING THE SAME
 / FILE REFERENCE: P3430R1C1538
 / CURRENT APPLICATION NUMBER: US/10/208, 024
 / CURRENT FILING DATE: 2002-07-29
 / PRIOR APPLICATION NUMBER: 10/052586
 / PRIOR FILING DATE: 2002-01-15
 / PRIOR APPLICATION NUMBER: 60/059263
 / PRIOR FILING DATE: 1997-09-18
 / PRIOR APPLICATION NUMBER: 60/059266
 / PRIOR FILING DATE: 1997-09-18
 / PRIOR APPLICATION NUMBER: 60/062250
 / PRIOR FILING DATE: 1997-10-17
 / PRIOR APPLICATION NUMBER: 60/063120
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063121
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063486
 / PRIOR FILING DATE: 1997-10-24
 / PRIOR APPLICATION NUMBER: 60/063540
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063541
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR APPLICATION NUMBER: 60/063544
 / PRIOR FILING DATE: 1997-10-28
 / PRIOR Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 612
 / SEQ ID NO: 320
 / LENGTH: 423
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 US-10-208-024-320

Query Match 99.4%; Score 2245; DB 12; Length 423;
 Best Local Similarity 99.3%; Pred. No. 1..7e-217;
 Matches 419; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 MYRPDVTRKRVCVWEPVIGLYMFISIVIAVGTVHTRYNQKTYNNYSTLSFTT 60
 Db 2 MYRPDVTRKRVCVWEPVIGLYMFISIVIAVGTVHTRYNQKTYNNYSTLSFTT 61
 QY 61 DKLYAEGREASNFTEMSVNAFYSKPLREFVKSQVIKSQKHGVLAHMLL 120
 Db 62 DKLYAEGREASNFTEMSVNAFYSKPLREFVKSQVIKSQKHGVLAHMLL 121
 QY 121 ICRFHSTPDETDKIVYOLVHLQDAVGPPKUDPHSVKIKKINKETDSYLNHCCTGTR 180
 Db 122 ICRFHSTPDETDKIVYOLVHLQDAVGPPKUDPHSVKIKKINKETDSYLNHCCTGTR 181
 QY 181 RSKTLGQSLRIVGSTEDEGEWNQASLOWDGSHRCGATLINTWLSAAHCTPYKNA 240
 Db 182 RSKTLGQSLRIVGSTEDEGEWNQASLOWDGSHRCGATLINTWLSAAHCTPYKNA 241
 QY 241 RWTASFGVTKPSKMRGRRIIIVHEKYKHPSEHDYDLSAELSSPVPTNAVHRVCLPDA 300
 Db 242 RWTASFGVTKPSKMRGRRIIIVHEKYKHPSEHDYDLSAELSSPVPTNAVHRVCLPDA 301
 QY 301 SYEFQPQGDYMFVTGFGALKNDGYSQNHLRQAQVTLIDATTCTNCNPDAQYNDAITPRMLCAGS 360
 Db 302 SYEFQPQGDYMFVTGFGALKNDGYSQNHLRQAQVTLIDATTCTNCNPDAQYNDAITPRMLCAGS 361

Db 122 ICRFHSTEDPETYDKIVQLVLEKQLDAVGPPKVDPHSVKIKKINKTETDSYLNHCCTR 181
 Qy 181 RSKTLGQSLRIVGCTEVSEGMWQASLQWDGSURCATLINTAWLVAACOPTTYKNPA 240
 Db 182 RSKTLGQSLRIVGCTEVSEGMWQASLQWDGSURCATLINTAWLVAACOPTTYKNPA 241
 Qy 241 RWTAQFVTKPSKMRGRLRRIVHEKYKHPSHDIDISIAELSPVPTNAVRCPDA 300
 Db 242 RWTAQFVTKPSKMRGRLRRIVHEKYKHPSHDIDISIAELSPVPTNAVRCPDA 301
 Qy 301 SYEFQPGDYMFTVFGALKNDGYSQNHLRQAQTLIDATTTCNEPOAQNDAITPRMLAGS 360
 Db 302 SYEFQPGDYMFTVFGALKNDGYSQNHLRQAQTLIDATTTCNEPOAQNDAITPRMLAGS 361
 Qy 361 LEGKTDACOGDSGPLVSSDARDIWLVLAGIVSSGDECAKPNKGUYTRVTAIRDWITSKT 420
 Db 362 LEGKTDACOGDSGPLVSSDARDIWLVLAGIVSSGDECAKPNKGUYTRVTAIRDWITSKT 421
 Qy 421 GI 422
 Db 422 GI 423

RESULT 10
 US-10-201-853-320
 ; Sequence 320, Application US/10201853
 ; Publication No. US20040053358A1

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P34-0R1C465
 ; CURRENT APPLICATION NUMBER: US/10/201, 853
 ; PRIOR APPLICATION NUMBER: 10/052586
 ; PRIOR FILING DATE: 2002-07-23
 ; PRIOR APPLICATION NUMBER: 10/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059266
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/063120
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063121
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063486
 ; PRIOR FILING DATE: 1997-10-21
 ; PRIOR APPLICATION NUMBER: 60/063540
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063541
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063544
 ; PRIOR FILING DATE: 1997-10-28
 ; Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 612
 ; LENGTH: 423
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-201-853-320
 Query Match 99.4%; Score 2245; DB 12; Length 423;

Best Local Similarity 99.3%; Pred. No. 1.7e-217; Indels 1; Mismatches 2; Gaps 0;
 Matches 419; Conservative 2; Gaps 0;

Qy 1 MYRPDVYKRYCWEPMVIGLWMMFISLIVLAVIGTVHYRYNOKTNYYSTLSFTT 60
 Db 2 MYRPDVYKRYCWEPMVIGLWMMFISLIVLAVIGTVHYRYNOKTNYYSTLSFTT 61
 Qy 61 DKLYAEFGREASNNFTMSQRLESVMKNAFYKSPPLREFVKSQVIKFSQOKHGVLAHMIL 120
 Db 62 DKLYAEFGREASNNFTMSQRLESVMKNAFYKSPPLREFVKSQVIKFSQOKHGVLAHMIL 121
 Qy 121 ICRFHSTEDPETYDKIVOLVHLHEKLQDAVGPPKVDPHSVKIKKINKTETDSYLNHCCTR 180
 Db 122 ICRFHSTEDPETYDKIVOLVHLHEKLQDAVGPPKVDPHSVKIKKINKTETDSYLNHCCTR 181
 Qy 181 RSTKLQSLRIVGTEVEGENWQASLQWDGSURCATLINTAWLVAACOPTTYKNPA 240
 Db 182 RSTKLQSLRIVGTEVEGENWQASLQWDGSURCATLINTAWLVAACOPTTYKNPA 241
 Qy 241 RWTASFGVYTKPSKMRGLRRIVHECYKHPSHDIDISIAELSPVPTNAVRCLPDA 300
 Db 242 RWTASFGVYTKPSKMRGLRRIVHECYKHPSHDIDISIAELSPVPTNAVRCLPDA 301
 Qy 301 SYEFQPGDYMFTVFGALKNDGYSQNHLRQAQTLIDATTTCNEPOAQNDAITPRMLAGS 360
 Db 302 SYEFQPGDYMFTVFGALKNDGYSQNHLRQAQTLIDATTTCNEPOAQNDAITPRMLAGS 361
 Qy 361 LEKTDACOGDSGPLVSSDARDIWLVLAGIVSSGDECAPNKGUYTRVTAIRDWITSKT 420
 Db 362 LEKTDACOGDSGPLVSSDARDIWLVLAGIVSSGDECAPNKGUYTRVTAIRDWITSKT 421
 Qy 421 GI 422
 Db 422 GI 423

RESULT 11
 US-10-063-745-106
 ; Sequence 106, Application US/10063745
 ; Publication No. US20040058411A1
 ; GENERAL INFORMATION:
 ; APPLECTANT: Eaton, Dan L.
 ; APPLECTANT: Filvaroff, Ellen
 ; APPLECTANT: Gerritzen, Mary E.
 ; APPLECTANT: Godowski, Paul J.
 ; APPLECTANT: Grimaldi, Christopher J.
 ; APPLECTANT: Gurney, Austin L.
 ; APPLECTANT: Watanabe, Colin K.
 ; APPLECTANT: Wood, William I.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3230R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063, 745
 ; PRIOR APPLICATION NUMBER: 10/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059266
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/063120
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063121
 ; PRIOR FILING DATE: 1997-10-24
 ; PRIOR APPLICATION NUMBER: 60/063486
 ; PRIOR FILING DATE: 1997-10-21
 ; PRIOR APPLICATION NUMBER: 60/063540
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063541
 ; PRIOR FILING DATE: 1997-10-28
 ; PRIOR APPLICATION NUMBER: 60/063544
 ; PRIOR FILING DATE: 1997-10-28
 ; Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 612
 ; LENGTH: 423
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-063-745-106
 Query Match 99.4%; Score 2245; DB 12; Length 423;
 Best Local Similarity 99.3%; Pred. No. 1.7e-217; Indels 1; Mismatches 2; Gaps 0;
 Matches 419; Conservative 2; Gaps 0;

Qy 1 MYRPDVYKRYCWEPMVIGLWMMFISLIVLAVIGTVHYRYNOKTNYYSTLSFTT 60
 Db 2 MYRPDVYKRYCWEPMVIGLWMMFISLIVLAVIGTVHYRYNOKTNYYSTLSFTT 61
 Qy 61 DKLYAEFGREASNNFTMSQRLESVMKNAFYKSPPLREFVKSQVIKFSQOKHGVLAHMIL 120

Db 62 DKLYAEGREASNNFTEMSQRLESVMVKNAYFKSPRLRERFVKSQVIFKSPQHGVLAHMLL 1.21
 QY 1.21 ICRFHSTEDPETDVKIVQLVHLKLQDAVGPCKDPSVKKIKINKETDSYLINHCCTR 180
 Db 1.22 ICRFHSTEDPETDVKIVQLVHLKLQDAVGPCKDPSVKKIKINKETDSYLINHCCTR 181
 QY 1.81 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 240
 Db 1.82 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 241
 QY 2.41 RWTAISGYTIKPSKMRGKRRITVHEKYKHPSSHYDQISIAELSSPVPTNAVRVCLPDA 300
 Db 2.42 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 242.0
 QY 2.42 RWTAISGYTIKPSKMRGKRRITVHEKYKHPSSHYDQISIAELSSPVPTNAVRVCLPDA 300
 Db 2.42 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 242.1
 QY 3.01 SYFQPGDVMFTGALKNDGSPLVSSDARDIWILAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.22
 Db 3.02 SYFQPGDVMFTGALKNDGSPLVSSDARDIWIAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.22
 QY 3.61 LEGKTDACGDGGDPLVSSDARDIWIAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.20
 Db 3.62 LEGKTDACGDGGDPLVSSDARDIWIAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.21
 QY 4.21 GI 4.22
 Db 4.22 GI 4.23

RESULT 1.3
 US-10-063-513-106
 ; Sequence 106 Application US/10063513
 ; Publication No. US20030018172A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Waranabe, Colin K.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLIC
 ; ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P320R1C1
 ; CURRENT APPLICATION NUMBER: US/10/063,513
 ; CURRENT FILING DATE: 2002-05-01
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO 106
 ; LENGTH: 423
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; US-10-063-513-106

Query Match 99.4%; Score 2245; DB 12; Length 423;
 Best Local Similarity 99.3%; Pred. No. 1.7e-217; Mismatches 1; Indels 0; Gaps 0;
 Matches 419; Conservative 2; Number of SEQ ID NOS: 170

Db 1 MYRDVARKCWCWEPWVIGLMFISILIVLAVCIGTVHYVYNQKTKNYYSTLSPT 60
 Db 2 MYRDVARKCWCWEPWVIGLMFISILIVLAVCIGTVHYVYNQKTKNYYSTLSPT 61

QY 1 MYRDVARKCWCWEPWVIGLMFISILIVLAVCIGTVHYVYNQKTKNYYSTLSPT 60
 QY 2 MYRDVARKCWCWEPWVIGLMFISILIVLAVCIGTVHYVYNQKTKNYYSTLSPT 61

Db 61 DKLYAEGREASNNFTEMSQRLESVNKAIFYKSPLEEFVKSQVIFKSPQHGVLAHMLL 120
 Db 62 DKLYAEGREASNNFTEMSQRLESVNKAIFYKSPLEEFVKSQVIFKSPQHGVLAHMLL 121
 QY 121 ICRFHSTEDPETDVKIVQLVHLKLQDAVGPCKDPSVKKIKINKETDSYLINHCCTR 180
 Db 122 ICRFHSTEDPETDVKIVQLVHLKLQDAVGPCKDPSVKKIKINKETDSYLINHCCTR 181
 QY 181 RSKTLGOSLRIVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 240
 Db 182 RSKTLGOSLRIVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 241
 QY 241 RWTAISGYTIKPSKMRGKRRITVHEKYKHPSSHYDQISIAELSSPVPTNAVRVCLPDA 300
 Db 242 RWTASPGVTTKPSKMRGKRRITVHEKYKHPSSHYDQISIAELSSPVPTNAVRVCLPDA 301
 QY 301 SYFQPGDVMFTGALKNDGSPLVSSDARDIWIAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.20
 Db 302 SYFQPGDVMFTGALKNDGSPLVSSDARDIWIAGIVSSGDECAPKPKGYVPTA RDWITSKT 4.21

Db 181 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 240
 QY 182 RSKTLGQSLIRVGTEVEGEWMQASLQWDGSHRCATLINATWLSAAHCPPTYKNPA 241

Qy	361	LEGKTDACQGDSGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	421
Db	362	LEGKTDACQGDSGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	421
Qy	421	GI 422	
Db	422	GI 423	
RESULT 14			
US-10-063-515-106			
; Sequence 106, Application US/10063515			
; Publication No. US20030018173A1			
; GENERAL INFORMATION:			
; APPLICANT: Eaton, Dan L.			
; APPLICANT: Elivaroff, Ellen			
; APPLICANT: Gerrard, Audrey			
; APPLICANT: Godowski, Paul J.			
; APPLICANT: Grimaldi, Christopher J.			
; APPLICANT: Gurney, Austin L.			
; APPLICANT: Watanabe, Colin K.			
; APPLICANT: Wood, William L.			
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
; ACIDS ENCODING THE SAME			
; FILE REFERENCE: P320R1C1			
; CURRENT APPLICATION NUMBER: US/10/063,515			
; CURRENT FILING DATE: 2002-05-01			
; PRIOR APPLICATION removed - See File Wrapper or Palm			
; NUMBER OF SEQ ID NOS: 170			
; SEQ ID NO: 106			
; LENGTH: 423			
; TYPE: PRT			
; ORGANISM: Homo Sapien			
US-10-063-515-106			
Query Match 99 4% Score 2245; DB 12; Length 423;			
Best Local Similarity 99 3%; Pred. No. 1.7e-21; Mismatches 2; Indels 0; Gaps 0			
Matches 419; Conservative 2; Mismatches 2; Indels 0; Gaps 0			
Qy	1	MYRDDVARKRKYCMEPWVIGLUMFISLIVLAVCIGTVHYRNYQKTKTINYSTLSFTT	60
Db	2	MYRDDVARKRKYCMEPWVIGLVLVIFISLIVLAVCIGTVHYRNYQKTKTINYSTLSFTT	61
Qy	6.1	DKLYAEFGREASNNITEMSQRLEMVKNAFYKFSPLREEFKVSQVIKFSQREHGVLAHM	120
Db	6.2	DKLYAEFGREASNNITEMSQRLEMVKNAFYKFSPLREEFKVSQVIKFSQREHGVLAHM	121
Qy	12.1	ICRFHSTDDETVKDVCVOLVHLERKLDAVGPKVDPSVKIKKINKETDSDYLNHCCTR	180
Db	12.2	ICRFHSTDDETVKDVCVQLVHLERKLDAVGPKVDPSVKIKKINKETDSDYLNHCCTR	181
Qy	18.1	RSKTLIQGQSRLIRVGCTTEVEGEWPKQASLQWDGSHRCATLINATWLYSAAHCTTYKPNP	240
Db	18.2	RSKTLIQGQSRLIRVGCTTEVEGEWPKQASLQWDGSHRCATLINATWLYSAAHCTTYKPNP	241
Qy	24.1	RWTASFGVTIKPSKMKRGLRRIVHEKVKPHSHDYSLSAELSSPVYTNAVRVCLPDA	300
Db	24.2	RWTASFGVTIKPSKMKRGLRRIVHEKVKPHSHDYSLSAELSSPVYTNAVRVCLPDA	301
Qy	30.1	SYEFGDGDGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	360
Db	30.2	SYEFGDGDGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	361
Qy	36.1	LEGKTDACQGDSGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	420
Db	36.2	LEGKTDACQGDSGGPLVSSDARDIWIYLAGIVSSGDECANEKPKGYTTRVALRDWITTSK	421
Qy	42.1	GI 422	
Db	42.2	GI 423	

search completed: May 13, 2004, 16:44:25
Job time : 40:5 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 13, 2004, 16:27:38 ; Search time 50.5 Seconds

(without alignments)
 2361.090 Million cell updates/sec

Title: US-09-674-035B-2
 Perfect score: 2265
 Sequence: 1 MYRPDVVRARKRKCWPWVIT.....PGVYTRVTALRDWITSKGTI 422

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 1586107

Maximum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

Database : A_Geneseq_29Jan04:*

- 1: geneseqD1980s:*
- 2: geneseqD1990s:*
- 3: geneseqD100s:*
- 4: geneseqD2001s:*
- 5: geneseqD2002s:*
- 6: geneseqD2003as:*
- 7: geneseqD2003bs:*
- 8: geneseqD2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	422		422	3	AY94708	AY94708 Human DES
2	2265	100.0	422	5	AAC18723	AAC18723 Human DES
3	2265	100.0	422	6	ABU56527	ABU56527 Lung canc
4	2265	100.0	423	3	AY99414	AY99414 Human PRO
5	2265	100.0	423	4	AAB66163	AAB66163 Protein O
6	2265	100.0	423	4	AAU01344	AAU01344 Human TAN
7	2265	100.0	423	4	AAB29183	AAB29183 Human PRO
8	2265	100.0	423	4	AAB87578	AAB87578 Human PRO
9	2265	100.0	423	5	ABG95903	ABG95903 Human sec
10	2265	100.0	423	5	ABP43883	ABP43883 Human PRO
11	2265	100.0	423	6	ABU58559	ABU58559 Human PRO
12	2265	100.0	423	6	ABUB88107	ABUB88107 Novel hum
13	2265	100.0	423	6	ABU84422	ABU84422 Human sec
14	2265	100.0	423	6	ABR66296	ABR66296 Human sec
15	2265	100.0	423	6	ABR65686	ABR65686 Human sec
16	2265	100.0	423	6	ABU99626	ABU99626 Human sec
17	2265	100.0	423	6	ABUB2865	ABUB2865 Human PRO
18	2265	100.0	423	6	ABUB9986	ABUB9986 Novel hum
19	2265	100.0	423	6	ABU68235	ABU68235 Human sec
20	2265	100.0	423	6	ABU96288	ABU96288 Novel hum
21	2265	100.0	423	6	ABU92719	ABU92719 Human sec
22	2265	100.0	423	6	AB008796	AB008796 Human sec
23	2265	100.0	423	6	AB002848	AB002848 Human sec
24	2265	100.0	423	6	ABR75002	ABR75002 Human sec
25	2265	100.0	423	6	ABR94764	ABR94764 Human sec

ALIGNMENTS

RESULT 1
 AA94708 standard; protein; 422 AA.
 XX
 AA94708;
 XX
 DT 01-DEC-2000 (first entry)

DB Human DESC1 protein variant #1.
 XX
 Human; DESC1; squamous cell carcinoma; prostate cancer; head; neck;
 KW diagnosis; chromosome 4q12-4q13.
 XX
 Homo sapiens.

XX
 Key Location/Qualifiers
 FH 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

XX
 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

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 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
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 FH Region 19...37
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 Key Location/Qualifiers
 FH Region 19...37
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 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

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 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

XX
 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

XX
 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

XX
 Key Location/Qualifiers
 FH Region 19...37
 FT /note= "Hydrophobic transmembrane region"
 FT Cleavage-site 190...191
 FT Domain 191...442
 /note= "Catalytic domain"

This invention relates to a method for the diagnosis of squamous cell carcinoma or prostate cancer, especially squamous cell carcinomas of head and neck and tissues adjacent to such tumor tissue comprising assaying for the expression of DESCL gene.

Claim 8: Fig 1A; 32pp; English.

This invention relates to a method for the diagnosis of squamous cell carcinoma or prostate cancer, comprising assaying for the expression of DESCL gene in the tissue sample from a subject. The present sequence represents the human DESCL protein variant 1. The human DESCL gene is located on chromosome 4q12-4q13, and the DESCL protein has a predicted

molecular weight of 44kD. The DESC1 gene is expressed in significant levels in epithelial derived tissue of the head, neck, oral mucosa, tonsils, prostate, testes and skin in healthy individuals. Tissue samples from patients with squamous cell carcinoma (particularly of the head and neck) do not express, or expresses at low levels the DESC1 gene. Expression of the DESC1 gene is reduced or absent in prostate cancer. The DESC1 protein shows homology to serine protease family members. The methods of the invention can be used to diagnose squamous cell carcinoma or prostate cancer in a tissue sample of a subject. The DESC1 cDNA is useful for producing DESC1 protein and for designing hybridization probes for isolating and identifying cDNA clones and genomic clones encoding the protein or its allelic forms.

XX

Sequence 422 AA;

Query Match 100.0%; Score 2265; DB 3; Length 422;
Best Local Similarity 100%; Pred. No. 1.7e-195; Mismatches 0; Indels 0; Gaps 0;
Matches 422; Conservative 0; Polynucleotides encoding such proteins. DESC1-like serine proteases are useful for treating a DESC1-like serine protease dysfunction related to diseases such as cancer, chronic obstructive pulmonary disease (COPD), cardiovascular diseases (e.g., myocardial infarction, congestive heart failure, ischaemic diseases of heart, all kinds of atrial and ventricular arrhythmias, hypertension, vascular diseases and peripheral vascular diseases) and peripheral or central nervous system diseases. They are also useful in diagnostic assays for detecting diseases and abnormalities or susceptibility to diseases and abnormalities related to the presence of mutations in the nucleic acid sequences which encode the enzyme. The present sequence is human DESC1-like serine protease homologue.

XX

Sequence 422 AA;

Query Match 100.0%; Score 2265; DB 5; Length 422;
Best Local Similarity 100.0%; Pred. No. 1.7e-195; Mismatches 0; Indels 0; Gaps 0;
Matches 422; Conservative 0; Polynucleotides encoding such proteins. DESC1-like serine proteases are useful for treating a DESC1-like serine protease dysfunction related to diseases such as cancer, chronic obstructive pulmonary disease (COPD), cardiovascular diseases (e.g., myocardial infarction, congestive heart failure, ischaemic diseases of heart, all kinds of atrial and ventricular arrhythmias, hypertension, vascular diseases and peripheral vascular diseases) and peripheral or central nervous system diseases. They are also useful in diagnostic assays for detecting diseases and abnormalities or susceptibility to diseases and abnormalities related to the presence of mutations in the nucleic acid sequences which encode the enzyme. The present sequence is human DESC1-like serine protease homologue.

XX

PF 09-JUL-2001; 2001WO-EP007859.
XX
PR 18-JUL-2000; 2000US-021883P.

XX
(FARB) BAYER AG.

XX
PI Ramakrishnan S;

XX
DR WPI; 2002-188540/24.

XX
Novel purified human DESC1-like serine protease, useful for identifying modulators of enzyme activity to treat cancer, chronic obstructive pulmonary disease, cardiovascular, peripheral/central nervous system disease.

XX
Disclosure; Fig 3; 86pp; English.

XX
PS

CC

CC The present invention relates to human DESC1-like serine proteases and polynucleotides encoding such proteins. DESC1-like serine proteases are useful for treating a DESC1-like serine protease dysfunction related to diseases such as cancer, chronic obstructive pulmonary disease (COPD), cardiovascular diseases (e.g., myocardial infarction, congestive heart failure, ischaemic diseases of heart, all kinds of atrial and ventricular arrhythmias, hypertension, vascular diseases and peripheral vascular diseases) and peripheral or central nervous system diseases. They are also useful in diagnostic assays for detecting diseases and abnormalities or susceptibility to diseases and abnormalities related to the presence of mutations in the nucleic acid sequences which encode the enzyme. The present sequence is human DESC1-like serine protease homologue.

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CC Disclosure; Fig 3; 86pp; English.

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CC Disclosure; Fig 3; 86pp; English.

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CC Disclosure; Fig 3; 86pp; English.

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CC The present invention relates to human DESC1-like serine proteases and polynucleotides encoding such proteins. DESC1-like serine proteases are useful for treating a DESC1-like serine protease dysfunction related to diseases such as cancer, chronic obstructive pulmonary disease (COPD), cardiovascular diseases (e.g., myocardial infarction, congestive heart failure, ischaemic diseases of heart, all kinds of atrial and ventricular arrhythmias, hypertension, vascular diseases and peripheral vascular diseases) and peripheral or central nervous system diseases. They are also useful in diagnostic assays for detecting diseases and abnormalities or susceptibility to diseases and abnormalities related to the presence of mutations in the nucleic acid sequences which encode the enzyme. The present sequence is human DESC1-like serine protease homologue.

XX

RESULT 2
ABU56527
ID ABU56527 standard; protein; 422 AA.

XX
AC AAE18723;
XX
DT 17-MAY-2002 (first entry)
XX
Human DESC1-like serine protease homologue.
XX
KW Human; DESC1-like serine protease; chronic obstructive pulmonary disease; arrhythmia; congenitive heart failure; myocardial infarction; ischaemic disease; hypertensive vascular disease; peripheral vascular disease; enzyme.
XX
OS Homo sapiens.
XX
PN WO200206453-A2.
XX
PD 24-JAN-2002.
XX
RESULT 3
ABU56527
ID ABU56527 standard; protein; 422 AA.

XX	AC ABU56527;	Db 61 DKLAYEFGREASNNFTMSQRLESVYNAFKYSPLRREFVKSVIKESQQRHGVLAHM1L 1.20
XX	DT 02-APR-2003 (first entry)	Qy 121 ICRFHSTEDPETDKIVQLVLIHEKLDQAVGPKVDPHSVKIKKINKTEDTSVLYNHCCTR 180
XX	Lung cancer-associated polypeptide #120.	Db 121 ICRFHSTEDPETDKIVQLVLIHEKLDQAVGPKVDPHSVKIKKINKTEDTSVLYNHCCTR 180
XX	KW Lung cancer-associated polypeptide; cytosatic; emphysema;	Qy 181 RSKTLGOSLRIVGGTEVEGEWFWQASLQWDGSRCGATLINTAWLVAHCFPTTKNP A 240
KW antiinflammatory; antialostatic; non-small cell lung cancer; atelectasis;	Db 181 RSKTLGOSLRIVGGTEVEGEWFWQASLQWDGSRCGATLINTAWLVAHCFPTTKNP A 240	
KW small cell lung cancer; benign lesion; precancerous lesion; bronchitis;	Qy 241 RWTASFGTYIKPSMKRGSRRTIVHEKYKHPSHDYYDISIAELSSPVPTNAVRVCFLD A 300	
KW chronic obstructive pulmonary disease; hypersensitivity pneumonitis;	Db 241 RWTASFGTYIKPSMKRGSRRTIVHEKYKHPSHDYYDISIAELSSPVPTNAVRVCFLD A 300	
KW interstitial pulmonary fibrosis; fibrosis; asthma; bronchiectasis.	Qy 241 RWTASFGTYIKPSMKRGSRRTIVHEKYKHPSHDYYDISIAELSSPVPTNAVRVCFLD A 300	
XX	OS Unidentified.	Db 301 SYEQPGDVMFVTFGALKNDGYSQNHLRQAQVYLIDATTTCNPQAYNDAITTRMLCAGS 360
XX	PW WO200286443-A2.	Db 301 SYEQPGDVMFVTFGALKNDGYSQNHLRQAQVYLIDATTTCNPQAYNDAITTRMLCAGS 360
XX	PD 31-OCT-2002.	Qy 361 LEGITDAGCGDGGPLVSSDARDIWILAGIVSMQDECAKPNKPGVYTVTAIRDWITSKT 420
XX	PF 18-APR-2002; 2002WO-US012476.	Db 361 LEGITDAGCGDGGPLVSSDARDIWIAGIVSMQDECAKPNKPGVYTVTAIRDWITSKT 420
XX	PR 18-APR-2001; 2001US-0284770P.	Qy 421 GI 422
PR 10-MAY-2001; 2001US-0290492P.	Db 421 GI 422	
PR 09-NOV-2001; 2001US-0339245P.	Qy 421 GI 422	
PR 13-NOV-2001; 2001US-0350666P.	Db 421 GI 422	
PR 29-NOV-2001; 2001US-0334370P.		
PR 12-APR-2002; 2002US-0372246P.		
XX	(EOSB-) EOS BIOTECHNOLOGY INC.	RESULT 4 AAV99414 ID AAV99414 standard; protein; 423 AA.
PA	PA Aziz N, Murray R;	XX AC AAV99414; AC AAV99414;
XX	XX DT 08-AUG-2000 (First entry)	XX DE Human PRO1461 (UNQ742) amino acid sequence SEQ ID NO:269.
XX	PT Detecting a lung cancer-associated transcript in a cell from a patient	XX KW Human; PRO polypeptide; membrane bound protein; receptor; diagnosis;
PT for treating lung cancer, by contacting a biological sample from the	XX KW transmembrane; secretion; immunoadhesion; pharmaceutical; screening.	
PT patient with a polynucleotide that exhibits increased or decreased	XX Homo sapiens.	
XX expression in lung cancer.	OS WO200012708-A2.	
PS Claim 27: Page 284; 453pp; English.	XX PD 09-WAR-2000.	
XX	The invention relates to a method for detecting a lung cancer-associated transcript in a cell from a patient, comprising contacting a biological sample from the patient with a polynucleotide that selectively hybridises to a sequence that is at least 80 % identical to a gene that exhibits increased or decreased expression in lung cancer samples. Lung cancer-associated polynucleotides and polypeptides are used for identifying a compound that modulates a lung cancer-associated polypeptide, for inhibiting proliferation of a lung cancer-associated cell to treat lung cancer in a patient and for treating a mammal having lung cancer by administering a modulatory compound identified. The methods are useful for treating lung cancer, such as small cell lung cancer, non-small cell lung cancer or other benign or precancerous lesions, e.g. atelectasis, emphysema, bronchitis, chronic obstructive pulmonary disease, fibrosis, hypersensitivity pneumonitis, interstitial pulmonary fibrosis, asthma and bronchiectasis. The genes, polynucleotides and polypeptides are useful for diagnostic purposes and as targets for screening for therapeutic compounds that modulate lung cancer, such as antibodies. Sequences ABU56408-ABU56745 represent lung cancer-associated polypeptides of the invention	XX PF 01-SEP-1998; 99WO-US020111.
XX	Sequence 422 AA:	XX PR 01-SEP-1998; 98US-0098716P.
CC	CC	XX PR 01-SEP-1998; 98US-0098749P.
CC	CC	XX PR 02-SEP-1998; 98US-0098803P.
CC	CC	XX PR 02-SEP-1998; 98US-0098821P.
CC	CC	XX PR 02-SEP-1998; 98US-0098843P.
CC	CC	XX PR 09-SEP-1998; 98US-0099336P.
CC	CC	XX PR 09-SEP-1998; 98US-009956P.
CC	CC	XX PR 09-SEP-1998; 98US-0099598P.
CC	CC	XX PR 09-SEP-1998; 98US-0099602P.
CC	CC	XX PR 09-SEP-1998; 98US-0099642P.
CC	CC	XX PR 10-SEP-1998; 98US-0099741P.
CC	CC	XX PR 10-SEP-1998; 98US-0099754P.
CC	CC	XX PR 10-SEP-1998; 98US-0099763P.
CC	CC	XX PR 10-SEP-1998; 98US-0099792P.
CC	CC	XX PR 10-SEP-1998; 98US-0099808P.
CC	CC	XX PR 10-SEP-1998; 98US-0099812P.
CC	CC	XX PR 10-SEP-1998; 98US-0099815P.
CC	CC	XX PR 10-SEP-1998; 98US-0099816P.
CC	CC	XX PR 15-SEP-1998; 98US-010085P.
CC	CC	XX PR 15-SEP-1998; 98US-010088P.
CC	CC	XX PR 15-SEP-1998; 98US-0100910P.
CC	CC	XX PR 16-SEP-1998; 98US-010094P.
CC	CC	XX PR 16-SEP-1998; 98US-0100627P.
Qy	1 MYRPDVYARKRKVCMWEWVIGVIFISLIVAVCIGITVHTRYNOKTYYTSLSTTT 60	Qy 1 MYRPDVYARKRKVCMWEWVIGVIFISLIVAVCIGITVHTRYNOKTYYTSLSTTT 60
Db	1 MYRPDVYARKRKVCMWEWVIGVIFISLIVAVCIGITVHTRYNOKTYYTSLSTTT 60	Db 1 MYRPDVYARKRKVCMWEWVIGVIFISLIVAVCIGITVHTRYNOKTYYTSLSTTT 60
Qy	61 DKLAYEFGREASNNFTMSQRLESVYNAFKYSPLRREFVKSVIKESQQRHGVLAHM1L 120	Qy 61 DKLAYEFGREASNNFTMSQRLESVYNAFKYSPLRREFVKSVIKESQQRHGVLAHM1L 120

PT	Modified-site	168. .171	"Casein kinase II phosphorylation site"		CC disorders (e.g. arthritis, graft rejection and acquired immunodeficiency syndrome), inflammatory disorders (e.g. psoriasis and asthma), renal disorders, embryonic disorders, brain-related disorders (e.g. cerebral oedema), cerebrovascular diseases (e.g. ischaemia), tumours, prostate-related disorders, pituitary-related disorders (e.g. cushing's disease) and neurodegenerative diseases (e.g. parkinson's disease)
PT	Modified-site	170. .184	/note= "N-myristylation site"		
PT	Modified-site	180. .182	"Protein kinase C phosphorylation site"		
PT	Modified-site	189. .191	/note= "Protein kinase C phosphorylation site"		
PT	Domain	192. .417			
PT	Modified-site	196. .199	/note= "Serine protease domain"	Score 100.0%; DB 4; Length 423;	
PT	Modified-site	213. .218	/note= "Casein kinase II phosphorylation site"	Best Local Similarity 100.0%; Pred. No. 1.7e-195;	
PT	Modified-site	214. .216	/note= "N-myristylation site"	Matches 422; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
PT	Domain	217. .234	/note= "Protein kinase C phosphorylation site"	Qy 1 MYRPDVTRKVCWEPWVIGVIFISLIVAVCIGHTVYRYNQKTKTNNYSTLSRTT 60	
PT	Modified-site	223. .226	/note= "Transmembrane domain"	Db 2 MYRPDVTRKVCWEPWVIGVIFISLIVAVCIGHTVYRYNQKTKTNNYSTLSFTT 61	
PT	Active-site	228. .233	/note= "Asn is N-glycosylated"	Qy 61 DKLYAETGREASNNFTMSQRLESWYKNAFYKSPLRBEFVKSQVTKESQOKHGVLAHML 120	
PT	Domain	235. .423	/note= "Serine protease, histidine active site consensus sequence"	Db 62 DKLYAETGREASNNFTMSQRLESWYKNAFYKSPLRBEFVKSQVTKESQOKHGVLAHML 121	
PT	Modified-site	236. .252	/note= "Protein kinase C phosphorylation site"	Qy 121 ICRFHSTEDPETYDKIVQLVHLBKLQAVGPKVKDVPISVKIKKINKTEDSFLNHCGRTR 180	
PT	Modified-site	239. .282	/note= "Protein kinase C phosphorylation site"	Db 122 ICRFHSTEDPETYDKIVQLVHLBKLQAVGPKVKDVPISVKIKKINKTEDSFLNHCGRTR 181	
PT	Modified-site	317. .322	/note= "Casein kinase II phosphorylation site"	Qy 181 RSXTLGSLRIVGGTEVEEGENPWQASLQWDGSHRCSATLINAFLVSAASGFTTYKNPA 240	
PT	Modified-site	325. .338	/note= "N-Tyr phosphorylation site"	Db 182 RSXTLGSLRIVGGTEVEEGENPWQASLQWDGSHRCSATLINAFLVSAASGFTTYKNPA 241	
PT	Modified-site	341. .344	/note= "Casein kinase II phosphorylation site"	Qy 241 RWTASFGTYIKPSKMRKGRLRIVHEKXKHPSPHDYDISLAELSSPYPTNAVRYCLPDA 300	
PT	Modified-site	353. .355	/note= "Protein kinase C phosphorylation site"	Db 242 RWTASFGTYIKPSKMRKGRLRIVHEKXKHPSPHDYDISLAELSSPYPTNAVRYCLPDA 301	
PT	Binding-site	359. .366	/note= "AMP/GTP binding site motif"	Qy 301 SYEFQPHYMFVTFGALKNDYSQNLROADVTLIDATTNCNPQANDAIPRMILAGS 360	
PT	Modified-site	360. .365	/note= "N-myristylation site"	Db 302 SYEFQPHYMFVTFGALKNDYSQNLHQAYQVTLIDATTNCNPQANDAIPRMILAGS 361	
PT	Active-site	371. .375	/note= "Serine protease, serine active site consensus sequence"	Qy 361 LEGRTDACCQGDSCGPVYSSDARDIWIYLLAGTVSGWDECAPNKGPGVYTRVTAIRDWITSKT 420	
PT	Modified-site	410. .420	/note= "Protein kinase C phosphorylation site"	Db 362 LEGRTDACCQGDSCGPVYSSDARDIWIYLLAGTVSGWDECAPNKGPGVYTRVTAIRDWITSKT 421	
PT	Active-site	418. .420	/note= "Protein kinase C phosphorylation site"	Qy 421 GI 422	RESULT 7
PT	Modified-site	XX		Db 422 GI 423	AAU29183 standard; protein; 423 AA.
PN	WO200121631-A2.				ID AAU29183
XX	PD 29-MAR-2001.				XX AAU29183;
XX	PF 20-SEP-2000; 2000WO-US025982.				AC AAU29183;
XX	PR 20-SEP-1999; 99US-00399723.				XX DT 18-DEC-2001 (first entry)
XX	PA (Milli-) MILLENIUM PHARM INC.				XX XX Human PRO polypeptide sequence #160.
XX	Kirst SJ, Sharp JD, Fraser CC, Barnes T, Kingsbury G.				XX KW PRO polypeptide; mammal; tumour; cancer; human; cattle; horse; sheep; dog; cat; pig; goat; rabbit; tumour necrosis factor alpha; TNF-alpha; blood; chondrocyte cell; cell proliferation; colon; adrenal; lung; breast; prostate; rectum; cervix; liver; genetic disorder.
XX	WPI: 2001-211461/21.				XX Homo sapiens.
DR	N-PSDB; ASN02070.				XX PN WO200168848-A2.
XX	New nucleic acid encoding INTERCEPT 307, MANCO 511, TANGO 351, TANGO 361, TANGO 499 or TANGO 509 secreted or transmembrane protein, useful for the diagnosis and treatment of arthritis, psoriasis and parkinson's disease.				XX XX
XX	Claim 8: Fig 13; 36pp; English.				XX DE 20-SEP-2001.
XX	The sequence represents the amino acid sequence of human TANGO 361 transmembrane protein. The nucleic acid and polypeptide sequences are useful for the diagnosis, prognosis and treatment of immunological				XX PF 28-FEB-2001; 2001WO-US006520.
CC	CC				XX PR 01-MAR-2000; 2000WO-US005601.
CC	CC				XX PR 02-MAR-2000; 2000WO-US005841.
CC	CC				XX PR 03-MAR-2000; 2000US-0167202P.
CC	CC				XX PR 06-MAR-2000; 2000US-0166968P.

PS Claim 20; SEQ ID # 786; 357pp + Sequence Listing; English.

XX CC The invention relates to 446 newly isolated polynucleotide sequences. The
CC activity of polynucleotides of the invention may be described as,
CC inflammatory, neuroprotective, immunomodulator, cytosolic and anti-
CC inflammatory. Compositions comprising nucleic acids of the invention are
CC useful for treating a mammalian subject, or as nutritional sources or
CC supplements. These are useful in gene therapy, particularly for treating
CC wounds, burns or ulcers, Alzheimer's disease, Huntington's disease,
CC amyotrophic lateral sclerosis, autoimmune disorders, cancer or
CC inflammation. The nucleic acids and polypeptides are also useful in
CC diagnostic and research methods. The sequences given in records ABP43544-
CC ABP43989 represent polypeptides encoded by polynucleotides of the
CC invention. NOTE: The sequence data for this patent did not form part of
CC the printed specification, but was obtained in electronic format directly
CC from WIPO at ftp://wipo.int/pub/published_pct_sequences

XX Sequence 423 AA;

Query Match	100.0%	Score 2265;	DB 5;	Length 423;
Best Local Similarity	100.0%	Pred. No. 1.7e-195;	Mismatches 0;	Indels 0;
Matches 422;	Conservative 0;	Gaps 0;		

QY 1 MYRPDVARKRVCMEPVWGLVIFISLIVLAVCIGLTVHYVRNQKTKTNYSTLSFTI 60

Db 2 MYRPDVARKRVCMEPVWGLVIFISLIVLAVCIGLTVHYVRNQKTKTNYSTLSFTI 61

QY 61 DKLXAEFGREASNNFTMSQRLESMYKNAFKSPREEFYKSQVKFSQOKHGVLAHMIL 120

Db 62 DKLXAEFGREASNNFTMSQRLESMYKNAFKSPREEFYKSQVKFSQOKHGVLAHMIL 121

QY 121 ICRFHSTEDPETVDKTCVQLVHEKLODAVGPPKVDPHSVKIKKINKETTSYLNHCIGTR 180

Db 122 ICRFHSTEDPETVDKTVQLVHEKLODAVGPPKVDPHSVKIKKINKETTSYLNHCIGTR 181

QY 181 RSKTLGSSLRIVGGTEVEEGEWPMQASLQWDGSHRCATLINAATWVAAHCFCTTYKNPA 240

Db 182 RSKTLGSSLRIVGGTEVEEGEWPMQASLQWDGSHRCATLINAATWVAAHCFCTTYKNPA 241

QY 241 RWTASFVTIIPSKRMGRGLRRTIVHEKRYKHPHDYDLSLAEISSPYPTMNAVHRVCLPDA 300

Db 242 RWTASFVTIIPSKRMGRGLRRTIVHEKRYKHPHDYDLSLAEISSPYPTMNAVHRVCLPDA 301

QY 301 SYEFQPDVDMFTGFGALKNDGYSONHLRQAQYTLIDATTCTNEPQAYNDAITPRMLAGS 360

Db 302 SYEFQPDVDMFTGFGALKNDGYSONHLRQAQYTLIDATTCTNEPQAYNDAITPRMLAGS 361

QY 361 LEGKTDAQGSGGPLVSSDARDIWILAGIVSWGDEAKPNKPGVYTRVTLRDWTSK 420

Db 362 LEGKTDAQGSGGPLVSSDARDIWILAGIVSWGDEAKPNKPGVYTRVTLRDWTSK 421

QY 421 GI 422

Db 422 GI 423

RESULT 11

ID ABU58559 standard; protein; 423 AA.

XX AC ABU58559;

XX DT 15-APR-2003 (first entry)

XX Human PRO polypeptide #160.

XX Human; PRO; cytostatic; tumour; cancer; breast; lung; stomach; liver;
XX dog; cat; cow; horse; sheep; pig; goat; rabbit; ADER;

XX antibody-dependent enzyme mediated prodrug therapy.

XX Homo sapiens.

XX US2003027272-A1.

PR	05-MAY-1998;	98US-0084366P.
PR	06-MAY-1998;	98US-0084414P.
PR	07-MAY-1998;	98US-0084639P.
PR	07-MAY-1998;	98US-0084640P.
PR	07-MAY-1998;	98US-0084643P.
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PR	15-MAY-1998;	98US-0085580P.
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PR	10-AUG-1998;	98US-009612P.	Db	182	RSKTLGQSRLRIVGGTEVEGEWPMQASLQMDGSRKGATLINTAVLSAAAHCFTYKNP A 24.1
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PR	17-AUG-1998;	98US-0096766P.	Db	242	RWTASFGVTIKPSKMKRGLRLLIVHEKYKRPSSHDDISLAELSSPPYTNAVRCLPDA 301
PR	17-AUG-1998;	98US-0096867P.	QY	301	SYBFQGDYMFVTFGFKLNGDGSYSONHLRQAVTLLDATCNEPOAYNDATPMLCAGS 360
PR	17-AUG-1998;	98US-0096891P.	Db	302	SYBFQGDYMFVTFGFKLNGDGSYSONHLRQAVTLLDATCNEPOAYNDATPMLCAGS 361
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QY	61	DKLYAEGREASNNFTEMSOPLESMTKAFYKSPLEEFYQVTKFSQQXHGVLIAHMLL 120	PR	11-Dec-1997;	971US-0067335P.
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QY			PR	11-Mar-1998;	98US-0077649P.
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			AC ABR6586;		
			XX		

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DE	XX	Human secreted polypeptide PRO1461, SEQ ID NO:320.					
KW	XX	Human; PRO1 secreted protein; transmembrane protein; TNF-alpha;					
KW	XX	extracellular domain; tumour; necrosis factor alpha; TNF-alpha;					
KW	XX	chondrocyte; proliferation; differentiation; cartilage disorder;					
KW	XX	bone disorder; arthritis; sports injury; cancer; tumour; diagnosis;					
KW	XX	adrenal tumour; lung; colon; breast; prostate; kidney; rectum; cervix;					
KW	XX	liver; drug screening; transgenic animal; Genetic analysis;					
KW	XX	antiarthritic; pulmonary; gene therapy.					
XX	OS	Homo sapiens.					
XX	PN	US2003036159-A1.					
XX	PD	20-FEB-2003.					
XX	XX	02-JUL-2002;	2002US-00188773.				
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OM nucleic - nucleic search, using SW model

Run on: May 15, 2004, 23:50:33 ; search time 653.5 Seconds
(without alignments)

10214.950 Million cell updates/sec

Perfect score: US-09-674-035B-3

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Scoring table: IDENTITY_NUC

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Searched: 2947324 seqs., 2269024515 residues

Total number of hits satisfying chosen parameters: 5894668

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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3	1445.2	98.2	5058	10	US-09-796-753-145
4	1434.6	97.5	2103	10	US-03-946-374-268
5	1434.6	97.5	2103	13	US-10-015-395-268
6	1434.6	97.5	2103	13	US-10-206-915-319
7	1434.6	97.5	2103	13	US-10-199-670-319
8	1434.6	97.5	2103	13	US-10-201-858-819
9	1434.6	97.5	2103	13	US-10-205-890-319
10	1434.6	97.5	2103	13	US-10-208-024-319
11	1434.6	97.5	2103	13	US-10-201-853-319
12	1434.6	97.5	2103	13	US-10-063-745-105
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Query Match 99.9%; Score 1469.8;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1468; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
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FILE REFERENCE: 24745-1611
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CURRENT FILING DATE: 2002-05-23
NUMBER OF SEQ ID NOS: 611
SOFTWARE: FastSeq For Windows Version 4.0
SEQ ID NO: 27
LENGTH: 1471
TYPE: DNA
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: misc_feature
LOCATION: (626)...(1324)
OTHER INFORMATION: DESC1 gene
FEATURE:
NAME/KEY: CDS
LOCATION: (561)...(1324)
OTHER INFORMATION: protease domain
US-10-156-214A-27

RESULT 1
US-10-156-214A-27
; Sequence 27, Application US/10156214A
; Publication No. US20040001801A1
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; INVENTOR: Joseph Edward Semple
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Mallardore Komanda
; APPLICANT: Daniel Vanna Siev
; TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 24745-1611
; CURRENT APPLICATION NUMBER: US/10/156,214A
; CURRENT FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: FastSeq For Windows Version 4.0
; SEQ ID NO: 27
; LENGTH: 1471
; TYPE: DNA
; ORGANISM: Homo Sapien
; FEATURE:
NAME/KEY: misc_feature
LOCATION: (626)...(1324)
OTHER INFORMATION: DESC1 gene
FEATURE:
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OTHER INFORMATION: protease domain
US-10-156-214A-27

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Qy	541 AAAATCAACAGAACAGAACATGGCTTACACATTGCTGCGAACACAGAG 600	Qy	APPLICANT: Edwin L. Madison
Db	541 AAAATCAACAGAACAGAACATGGCTTACACATTGCTGCGAACACAGAG 600	Db	APPLICANT: Joseph Edward Semple
Qy	601 TAAAATCTAGGTCAAGATGCTAGTCAACATGCTGCGAACACAGAG 660	Qy	APPLICANT: George P. Vilasuk
Db	601 TAAAATCTAGGTCAAGATGCTAGTCAACATGCTGCGAACACAGAG 660	Db	APPLICANT: Scott Jeffrey Kemp
Qy	661 GCCTCTGGCAGGCTAGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 720	Qy	APPLICANT: Malaready Komandla
Db	661 GCCTCTGGCAGGCTAGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 720	Db	APPLICANT: Daniel Vanna Siev
Qy	721 TGCCACATGGCTGGTGAATGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 780	Qy	TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic
Db	721 TGCCACATGGCTGGTGAATGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 780	Do	US-10-156-214A-40
Qy	781 GACTGTCTCTGGTGAATGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 840	Qy	SEQUENCE NO.: Application US/10156214A
Db	781 GACTGTCTCTGGTGAATGCTGCTGAGCTGGCATGGAGCTACCTTAATAA 840	Do	PUBLICATION NO. US20040001801A1
Qy	841 ATTGTGTCATGAAAATACACCATCACATGACTATGATATTCTCTTGAGAGCT 900	Qy	GENERAL INFORMATION:
Db	841 ATTGTGTCATGAAAATACACCATCACATGACTATGATATTCTCTTGAGAGCT 900	Db	APPLICANT: Edwin L. Madison
Qy	901 TTCTAGCTGCTGGTCCCTACACATGAAACCTTGAGCTGATGTCATCTA 960	Qy	APPLICANT: Joseph Edward Semple
Db	901 TTCTAGCTGCTGGTCCCTACACATGAAACCTTGAGCTGATGTCATCTA 960	Db	APPLICANT: George P. Vilasuk
Qy	961 TAGTTTAACAGGTGATGTTGAGCTGGTCACTCTGGAGCTGATGTTGG 1020	Qy	APPLICANT: Scott Jeffrey Kemp
Db	961 TAGTTTAACAGGTGATGTTGAGCTGGTCACTCTGGAGCTGATGTTGG 1020	Db	APPLICANT: Malaready Komandla
Qy	1021 TTACAGTCAAATCATCTTGAGCAAGACAGCTGACTCTGAGCTGAACTGCAA 1080	Qy	APPLICANT: Daniel Vanna Siev
Db	1021 TTACAGTCAAATCATCTTGAGCAAGACAGCTGACTCTGAGCTGAACTGCAA 1080	Db	SOFTWARE: PastSeq For Windows Version 4.0
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	SEQ ID NO: 40
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	LENGTH: 1471
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	FILE REFERENCE: 24745-1611
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	CURRENT APPLICATION NUMBER: US/10/156,214A
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	CURRENT FILING DATE: 2002-05-23
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	NUMBER OF SEQ ID NOS: 611
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	SOFTWARE: PastSeq For Windows Version 4.0
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	SEQ ID NO: 40
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	TYPE: DNA
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	ORGANISM: Artificial sequence
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	FEATURE: OTHER INFORMATION: DESC1 gene
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	NAME/KEY: misc feature
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	LOCATION: (626) ... (1324)
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	OTHER INFORMATION: protease domain
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	FEATURE: NAME/KEY: CDS
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	LOCATION: (56) ... (1324)
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	US-10-156-214A-40
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	Query Match 99.9%; Score 1469.8%; DB 16; Length 1471;
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	Best Local Similarity 99.8%; Pred. No. 0; Mismatches 3; Indels 0; Gaps 0;
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	Matches 1468; Conservative 1468; Other Information: protease domain
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	1 TGAATCTGAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	1 TGAATCTGAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	61 TCGGCCAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	61 TCGGCCAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	61 TCGGCCAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60
Qy	1081 TGRACCTTAAAGCTTACATGACGCCATAACTCTAGAATGTTATGTCCTPAGA 1140	Qy	61 TCGGCCAGATGTTGAGCTTACAGACTCTGGTGGCAATGATGTA 60

Db 121 CGTATSTCATATCCCTGATTGCTGGCAGTGCACTGGASTCACTGTTCAATTAGT 180
 Qy 181 GAGATAATCAAAAGAACCTAACATTACTATAGCAATTGTCATTACACTGACA 240
 Db 181 GAGATAATCAAAAGAACCTAACATTACTATAGCAATTGTCATTACACTGACA 240
 Qy 241 ACTATAGCTGAGTTGGCAGAGGGCTCTAACAAATTACAGAAATGCCAGAGCT 300
 Db 241 ACTATAGCTGAGTTGGCAGAGGGCTCTAACAAATTACAGAAATGCCAGAGCT 300
 Qy 301 TGAATCAATGGTAAAGAAAATGCAATTTCATTAAGGGAAAGAATTGTCAGTC 360
 Db 301 TGAATCAATGGTAAAGAAAATGCAATTTCATTAAGGGAAAGAATTGTCAGTC 360
 Qy 361 TCAAGTTAACGTCAGTCAACAGAACATGGCAGTGGAGTCATATGCTGTGATTG 420
 Db 361 TCAAGTTAACGTCAGTCAACAGAACATGGCAGTGGAGTCATATGCTGTGATTG 420
 Qy 421 TAGATTCACTCTACTGAGGATCTGAAATCTGAGATAAACTGTTCAACTTGTCA 480
 Db 421 TAGATTCACTCTACTGAGGATCTGAACTGTTCAACTTGTCAACTTGTCA 480
 Qy 481 TGAAGAGCTGCAAGATGCTGAGGACCCCCCTAAAGTAGTCCTCACTCACTTAATTA 540
 Db 481 TGAAGAGCTGCAAGATGCTGAGGACCCCCCTAAAGTAGTCCTCACTCACTTAATTA 540
 Qy 541 AAAAATCAAAAGCAACAGAACGCTTCAAAACCATTGCTGGGACACGGAGAG 600
 Db 541 AAAAATCAAAAGCAACAGAACGCTTCAAAACCATTGCTGGGACACGGAGAG 600
 Qy 601 TAAAACCTCTAGTCAGTCAGGATCTCGAGATCTCGAGATCTCGAGATCTCGAGATG 660
 Db 601 TAAAACCTCTAGTCAGTCAGGATCTCGAGATCTCGAGATCTCGAGATCTCGAGATG 660
 Qy 661 GGCCTCGAGGCTAGCTCGAGGTCAGGCTCAGGATCTCGAGATCTCGAGATCTCGAGAT 720
 Qy 661 GGCCTCGAGGCTAGCTCGAGGTCAGGCTCAGGATCTCGAGATCTCGAGATCTCGAGAT 720
 Db 661 GGCCTCGAGGCTAGCTCGAGGTCAGGATCTCGAGATCTCGAGATCTCGAGATCTCGAGAT 720
 Qy 721 TGCCACATGGCTTGAGTGTGCTCACTGTTTACAACTATAGAACCTGCGAGATG 780
 Db 721 TGCCACATGGCTTGAGTGTGCTCACTGTTTACAACTATAGAACCTGCGAGATG 780
 Qy 781 GACTGCTTCCPTTGGTAACTAACATACACCTTCGAAATGAAACGGGTCTCCGGAGAT 840
 Db 781 GACTGCTTCCPTTGGTAACTAACATACACCTTCGAAATGAAACGGGTCTCCGGAGAT 840
 Qy 841 AATTGGTCATGAAAAAATACACCCATCAATGAACTATGATATTCTCTGCAAGCT 900
 Db 841 AATTGGTCATGAAAAAATACACCCATCAATGAACTATGATATTCTCTGCAAGCT 900
 Qy 901 TTCTAGCCCTGTTCCCTAACAACTGAACTAGTGGATCTCCCTGATCATCTTA 960
 Db 901 TTCTAGCCCTGTTCCCTAACAACTGAACTAGTGGATCTCCCTGATCATCTTA 960
 Qy 961 TGAGTTAACCGGTGATGTCAGGATTTGCAAGGAACTGAAATGATGG 1020
 Db 961 TGAGTTAACCGGTGATGTCAGGATTTGCAAGGAACTGAAATGATGG 1020
 Qy 1021 TTACAGTAAATCATCTCGAACGACGGTCACTCTGAGGAACTCTGCAACTGCAA 1080
 Db 1021 TTACAGTAAATCATCTCGAACGACGGTCACTCTGAGGAACTCTGCAACTGCAA 1080
 Qy 1081 TGAACCTGAGTTACATGACGGGATCAACTCTGAGGAACTCTGCAACTGCAA 1140
 Db 1081 TGAACCTGAGTTACATGACGGGATCAACTCTGAGGAACTCTGCAACTGCAA 1140
 Qy 1141 AGGAAACAGATGCAACCCAGGGTCAACTCTGAGGAACTCTGAGGAACTCTGCAACTGCAA 1200
 Db 1141 AGGAAACAGATGCAACCCAGGGTCAACTCTGAGGAACTCTGAGGAACTCTGCAACTGCAA 1200
 Qy 1201 AGTATCTGCTGTTACCTGCTGGAATAGTGGATCTGGGAGATGGAATCCCACAA 1260

Db 1201 AGTATCTGCTGTTACCTGCTGGAATAGTGGATCTGGGAGATGGAATCCCACAA 1260
 Qy 1261 GCCCTGGTGTGTTTACATAGAGTTACGGCTTGCCTTGCGGACTCTGGATTACTTCAGAAACTGGPAT 1320
 Db 1261 GCCCTGGTGTGTTTACATAGAGTTACGGCTTGCCTTGCGGACTCTGGATTACTTCAGAAACTGGPAT 1320
 Qy 1321 CTAGAGGAAAGCTCATGGAACAGATAACATTCTTGTGGGTGTTGGAGG 1380
 Db 1321 CTAGAGGAAAGCTCATGGAACAGATAACATTCTTGTGGGTGTTGGAGG 1380
 Qy 1381 CCATTTTAGAGATAGAGATGGAAAGACTGCAAAACAGTGAATGTTGACTGATCTC 1440
 Db 1381 CCATTTTAGAGATAGAGATGGAAAGACTGCAAAACAGTGAATGTTGACTGATCTC 1440
 Qy 1441 AATAACTGTTGCTTGATGCAAAAGAAAA 1471
 Db 1441 AATAACTGTTGCTTGATGCAAAAGAAAA 1471

RESULT 3
 US-09-796-753-145
 Sequence 145 - Application US/09/796753
 Publication No. US2003002798A1
 GENERAL INFORMATION:
 APPLICANT: McCarthy, Sean A.
 TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
 FILE REFERENCE: 7853-227-999
 CURRENT APPLICATION NUMBER: US/09/796-753
 CURRENT FILING DATE: 2001-03-01
 PRIOR APPLICATION NUMBER: 09-183-175
 PRIOR FILING DATE: 1998-10-30
 PRIOR APPLICATION NUMBER: 09/223, 094
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 09/223, 546
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 09/224, 246
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 09/259, 388
 PRIOR FILING DATE: 1999-02-26
 PRIOR APPLICATION NUMBER: 60-122, 458
 PRIOR FILING DATE: 1999-03-01
 PRIOR APPLICATION NUMBER: 09/312, 359
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 09/336, 536
 PRIOR FILING DATE: 1999-06-18
 PRIOR FILING DATE: 1999-06-29
 PRIOR APPLICATION NUMBER: 09/342, 687
 PRIOR FILING DATE: 1999-06-30
 PRIOR APPLICATION NUMBER: 09/345, 464
 PRIOR FILING DATE: 1999-06-30
 PRIOR APPLICATION NUMBER: 09/365, 164
 PRIOR FILING DATE: 1999-07-30
 PRIOR APPLICATION NUMBER: 09/399, 723
 PRIOR FILING DATE: 1999-09-20
 PRIOR APPLICATION NUMBER: 09/409, 634
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: 09/471, 179
 PRIOR FILING DATE: 1999-12-23
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/474, 072
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/514, 010
 PRIOR FILING DATE: 2000-02-25
 PRIOR APPLICATION NUMBER: 09/516, 745
 PRIOR FILING DATE: 2000-03-01
 PRIOR APPLICATION NUMBER: 09/572, 002
 PRIOR APPLICATION NUMBER: 09/597, 993
 PRIOR FILING DATE: 2000-06-19
 PRIOR APPLICATION NUMBER: 09/599, 596
 PRIOR APPLICATION NUMBER: 09/630, 334
 PRIOR FILING DATE: 2000-07-31

PRIOR APPLICATION NUMBER: 09/606,565
 PRIOR FILING DATE: 2000-06-29
 PRIOR APPLICATION NUMBER: 09/606,317
 PRIOR FILING DATE: 2000-06-29
 PRIOR APPLICATION NUMBER: 09/665,666
 PRIOR FILING DATE: 2000-09-20
 PRIOR APPLICATION NUMBER: 09/677,751
 PRIOR FILING DATE: 2000-09-30
 NUMBER OF SEQ ID NOS: 162
 SEQ ID NO: 145
 LENGTH: 5058
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-796-753-145

Query Match 98.2%; Score 1445.2; DB 10; Length 5058;
 Best Local Similarity 99.8%; Pred. No. 0;
 Matches 1447; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 AGACCTGACCTTCAGGAAGTCTTATGGGTGGCATATGATGGCAGATGT 72
 Db 1 AGACCTGACCTTCAGGAAGTCTTATGGGTGGCATATGATGGCAGATGT 73
 QY 73 CGTGAGCGTAGGAAAAGAGTTGGAACCCCTGGGTATCGGCCTCGCATGTTATGGCAAGATG 60
 Db 61 GTGAGGGTAGGAAAAGAGTTGTTGGAAACCCCTGGGTATCGGCCTCGCATGTTATGGCAAGATG 61
 QY 133 ATCCCCTGATGTCCTCCGGCACTGTCATGGTCACTGTCATTATGGCATATAATCA 192
 Db 121 ATCCCCTGATGTCCTCCGGCACTGTCATGGTCACTGTCATTATGGCATATAATCA 180
 QY 193 AAAGANGACCTACAATTACTATAGCACATTACACTGCAACTAATATGCTGA 252
 Db 181 AAAGAGGACCTACAATTACTATAGCACATTACACTGCAACTAATATGCTGA 240
 QY 253 GTTGGCAGAGGGCTTCAACAAATTACGAAATGAGCCAGACTGTCATTATGGTGG 312
 Db 241 GTTGGCAGAGGGCTTCAACAAATTACGAAATGAGCCAGACTGTCATTATGGTGG 300
 QY 313 GAAAAATGCAATTATTAATCTCCATTAAAGGAAGATTTCAGTCTCAGGTATCA 372
 Db 301 GAAAAATGCAATTATTAATCTCCATTAAAGGAAGATTTCAGTCTCAGGTATCA 360
 QY 373 GTTCAGCTAAAGAACATGGAGTGGTGTCTCATATGCTGTGATTGAGATTCACTC 432
 Db 361 GTTCAGCTAAAGAACATGGAGTGGTGTCTCATATGCTGTGATTGAGATTCACTC 420
 QY 433 TACTGAGATCCTGAAACATGGAGTGGTGTCTCATATGCTGTGATTGAGATTCACTC 420
 Db 421 TACTGAGATCCTGAAACATGGAGTGGTGTCTCATATGCTGTGATTGAGATTCACTC 480
 QY 493 AGATGCTGAGCACCCCTAAAGTATGATTCCTCACTGAACTTAAATCAACA 552
 Db 481 AGATGCTGAGCACCCCTAAAGTATGATTCCTCACTGAACTTAAATCAACA 540
 QY 553 GACAGAAACAGACAGCTATCTAAACCAATTGCTGCGAACACGAGAAACTCTAGG 612
 Db 541 GACAGAAACAGACAGCTATCTAAACCAATTGCTGCGAACACGAGAAACTCTAGG 600
 QY 613 TCTGAGCTCTCAGGATCTGGTGGCAAGCAGTAGAGGGTGAATGGCCTGCCGGC 672
 Db 601 TCAGAGSTCTCAGGATCTGGTGGCAAGCAGTAGAGGGTGAATGGCCTGCCGGC 660
 QY 673 TAGCCCTAGTGGGAGGAGCATCTGGTGGGAACCTTAATGCCATGGCT 732
 Db 661 TAGCCCTAGTGGGAGGAGCATCTGGTGGGAACCTTAATGCCATGGCT 720
 QY 733 TCTGAGCTCTGGTCACTGTTTACAACTATAAGAACCCCTGCCAGATGGACTGCTTCCT 792
 Db 721 TCTGAGCTCTGGTCACTGTTTACAACTATAAGAACCCCTGCCAGATGGACTGCTTCCT 780
 QY 793 TGGAGTAACAACTAAACCTTCGAAATGAAACGGGGTCTCGGGAGATAATGGCTATGA 852

Db 781 TGGAGTAACAACTTCGAAATGAAACGGGGTCTCGGGAGATAATGGCTATGA B40
 QY 853 AAAATACACACCCATCACATGACTGATGATTTCTCTGAGAGCTTCTACCCCCGT 94.2
 Db 841 AAAATACAAACACCCATCACATGACTGATGATTTCTCTGAGAGCTTCTACCCCCGT 900
 QY 913 TCCCTACAAATGGATGATGATGAGTTGTCCTGATGATGATCTATGATGTTCAACC 97.2
 Db 901 TCCCTACAAATGGATGATGATGAGTTGTCCTGATGATGATCTATGATGTTCAACC 96.0
 QY 973 AGGTGATGTTGATGTTGACGGATTGGAGCCTGAAAGAACTATGGTGTACGTCAAA 103.2
 Db 961 AGGTGATGTTGACGGATTGGAGCCTGAAAGAACTATGGTGTACGTCAAA 102.0
 QY 1033 TCACTTTCACACACACAGTGTCTCATAGNCGTCAACTCCATGTCACCTCAAC 109.2
 Db 1021 TCACTTTCACACACACAGTGTCTCATAGNCGTCAACTCCATGTCACCTCAAC 108.0
 QY 1093 TTACATGAGCCATAACTCTAGAATGTTATGGCTGCTGCTCTAGGGAAALACAGA 115.2
 Db 1081 TTACATGAGCCATAACTCTAGAATGTTATGGCTGCTGCTCTAGGGAAALACAGA 114.0
 QY 1153 TGATGCGCAAGGGTCACTCTGGAGGACCACTGGTAGTTGAGATCTGCTGTTA 121.2
 Db 1141 TGATGCGCAAGGGTCACTCTGGAGGACCACTGGTAGTTGAGATCTGCTGTTA 120.0
 QY 1213 CCTTGCTGAAATAGTGAGTGGAGATGGAGATGTCGGAAACCCAAACAGCCTGGTGTCTTA 127.2
 Db 1201 CCTTGCTGAAATAGTGAGTGGAGATGTCGGAAACCCAAACAGCCTGGTGTCTTA 126.0
 QY 1273 TACTAGAGTTACGGCCTTGGGACTCTGGGACTTACCTAAAGGAGAAA 133.2
 Db 1261 TACAGAGTTACGGCCTTGGGACTCTGGGACTTACCTAAAGGAGAAA 132.0
 QY 1333 AGCTCTGAAACGATAATCTTTTGTGTTGGCTGAGGCCATTGTTAGAG 139.2
 Db 1321 AGCTCTGAAACGATAATCTTTTGTGTTGGCTGAGGCCATTGTTAGAG 138.0
 QY 1393 ATACGAATTTGGGAGAACTTTCGAAACCTGTTGACTGTCATAAACTGTCTT 145.2
 Db 1381 ATACGAATTTGGGAGAACTTTCGAAACCTGTTGACTGTCATAAACTGTCTT 144.0
 QY 1453 GCTGATGCA 145.2
 Db 1441 GCTGATGCA 145.0

RESULT 4
 US-09-946-374-268
 Sequence 268, Application US/0946374
 Publication No. US2003007129A1
 GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Botstein, David
 / APPLICANT: Denoyers, Luc
 / APPLICANT: Eaton, Dan L.
 / APPLICANT: Ferrara, Napoleon
 / APPLICANT: Fong, Sherman
 / APPLICANT: Gao, Wei Qiang
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Goodowski, Paul J.
 / APPLICANT: Grimaldi, Christopher J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Hilian, Kenneth J.
 / APPLICANT: Pan, James
 / APPLICANT: Paoni, Nicholas F.
 / APPLICANT: Roy, Margaret Ann
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tunas, Daniel
 / APPLICANT: Watanabe, Colin K.
 / APPLICANT: Williams, P. Mickey
 / APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane PolyPeptides and Nucleic Acids Encoding the Same
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P230P1C1
CURRENT APPLICATION NUMBER: US/09/945,374
CURRENT FILING DATE: 2001-09-04
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
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PRIOR APPLICATION NUMBER: 60/099815
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18

PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103623
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20

back to *268* *V5* *10 #3*

Query	Match	Score	DB 10;	Length	2103;
Best Local Matches	Similarity	Pred. No.	0;		
Matches	Conservative	0;	Mismatches	4;	Indels
					Gaps
22	CCCTACAGGACTCTTCAATTGCGTGGCAATGATGTATCGGCCAGATGTTGGGGC	81			0
1	CCTTACAGGACTCTTCAATTGCGTGGCAATGATGTATCGGCCAGATGTTGGGGC	60			
82	TAGGAAAGAGTTGTTGGAACCTGGTTATGGCTCGTCACTGTCATATCCCTGAT	141			
61	TAGGAAAGAGTTGTTGGAACCTGGTTATGGCTCGTCACTCTCATCTCCGTAT	120			
142	TGTCCTGCAGTGCAATTGACTACTGTTCAATTGAGATAATACTAAAGAGAC	201			
121	TGTCCTGCAGTGCAATTGACTACTGTTCAATTGAGATAATACTAAAGAGAC	180			
202	CTACAAATTACTATAGCACATTGTCATTACAATTGACAACATTGAGTTGGCAG	261			
181	CTACAAATTACTATAGCACATTGTCATTACAATTGACAACATTGAGTTGGCAG	240			
262	AGAGGCTCTAACATTACAGAAATTACAGAAATGAGCCAGAGACTTGAGATAAATGCA	321			
241	AGAGGCTCTAACATTACAGAAATTACAGAAATGAGCCAGAGACTTGAGATAAATGCA	300			
322	ATTTTATAATCTCATTAAAGGAAAGAAATTGTCAGGTTCACTGTTCAAGTTCACTGCA	381			
301	ATTTTATAATCTCATTAAAGGAAAGAAATTGTCAGGTTCACTGTTCAAGTTCACTGCA	360			
382	ACAGAAAGATGGAGGTGGCTCATATGTTGATTGATTTCACTCTACTGAGGA	441			
361	ACAGAAAGATGGAGGTGGCTCATATGTTGATTGATTTCACTCTACTGAGGA	420			
442	TCCCTGAAACTGTGAGATAAAATTGTCATTGTTCACTGTTCACTGTTCAAGTGTGT	501			
421	TCCCTGAAACTGTGAGATAAAATTGTCATTGTTCACTGTTCAAGTGTGT	480			
502	AGGAACCCCCTTAAGTAGATCCTCTAGTAAATTAAATTAAATTCAACAGAAC	561			
481	AGGAACCCCCTTAAGTAGATCCTCTAGTAAATTAAATTAAATTCAACAGAAC	540			
562	AGCAGCTATCAAAACCATTGCTGGAAACAGAAAGTAAAACTCTAGTCAAGTCT	621			

RESULT 5
US 10-015-395A-268
; Sequence 268, Application US 10015395A
; Publication No. US20040073015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Nanoleone

Page 7

CURRENT APPLICATION NUMBER: US/10/206, 915
 CURRENT FILING DATE: 2002-07-26
 PRIOR APPLICATION NUMBER: 10/052586
 PRIOR FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059266
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/063120
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063121
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063486
 PRIOR FILING DATE: 1997-10-21
 PRIOR APPLICATION NUMBER: 60/063540
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063541
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE: 1997-10-28
 Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 619
 SEQ ID NO: 319
 LENGTH: 2103
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-206,915-319

Query Match 97.5%; Score 1434; DB 13; Length 2103;

Best Local Similarity 99.7%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

Qy	622	CAGGATCGTGGGGACAGAAGTAGAACAGGGTGAATGGCCCTGGACGGTACCCCTGGA 681
Db	601	CAGATCGTGGGGACAGAAGTAGAACAGGGTGAATGGCCCTGGACGGTACCCCTGGA 660
Qy	682	GTCGATGGGGACTCATCGCTGTGGAGAACCTTAATTATGCCATGCCTTGAGTGC 741
Db	661	GTCGATGGGGACTCATCGCTGTGGAGAACCTTAATTATGCCATGCCTTGAGTGC 720
Qy	742	TGCATCAGTTTCAACTATANGAACCTGCGAGAGGACTCTCTTGAGTAAAC 801
Db	721	TGCATCAGTTTCAACTATANGAACCTGCGAGAGGACTCTCTTGAGTAAAC 780
Qy	802	AATAAACCTTCGAAAATGAAACCGGGTCTGGAGATAATTCTCATGAAATAACA 861
Db	781	AATAAACCTTCGAAAATGAAACCGGGTCTGGAGATAATTCTCATGAAATAACA 840
Qy	862	ACACCCATCACATGACTATGATAATTCTTCGAGGCTTCTAGCCCTGTCCTCAC 921
Db	841	ACACCCATCACATGACTATGATAATTCTTCGAGGCTTCTAGCCCTGTCCTCAC 900
Qy	922	AAATCGAGACATAGATAGATAGTTGTCCTCCATGAGTTTCAACCAGGTGT 981
Db	901	AAATCGAGACATAGATAGTTGTCCTCCATGAGTTTCAACCAGGTGT 960
Qy	982	GATGTTGAGGATGTTGAGGACTGTGGAGACTGTTACAGTCAGATCTCTCTG 1041
Db	961	GATGTTGAGGATGTTGAGGACTGTGGAGACTGTTACAGTCAGATCTCTCTG 1020
Qy	1042	ACAAGGACAGGTGACTCTAGAGGCTTACAGTCAGTGAACCTCAAGTCATAATGA 1101
Db	1021	ACAAGGACAGGTGACTCTAGAGGCTTACAGTCAGTGAACCTCAAGTCATAATGA 1080
Qy	1102	CGCATAACTCTTCAATGTTGATGTTGCTCTCTTCAAGGAAACAGTCATGCCA 1111
Db	1081	CGCATAACTCTTCAATGTTGATGTTGCTCTCTTCAAGGAAACAGTCATGCCA 1140
Qy	1162	GGTGAACCTCTGGAGGACCACTGGTTAGTTCAGATCTGTTACCTTGTGG 1221
Db	1141	GGTGAACCTCTGGAGGACCACTGGTTAGTTCAGATCTGTTACCTTGTGG 1200
Qy	1222	AATAGTGAATCTGGAGAGATAATGTGGAACAGCCTGGTTATACTAGAT 1281
Db	1201	AATAGTGAATCTGGAGAGATAATGTGGAACAGCCTGGTTATACTAGAT 1260
Qy	1282	TACGGCTTGGGGACTGGGATTAATCTCAAAACTCTGTTAAGGAGAAAGCTCATG 1341
Db	1261	TACGGCTTGGGGACTGGGATTAATCTCAAAACTCTGTTAAGGAGAAAGCTCATG 1320
Qy	1342	GAACAGATAACATTTTTGGTTTTGGGCTTAAACGCTGATTTAGAGATAGAAAT 1401
Db	1321	GAACAGATAACATTTTTGGTTTTGGGCTTAAACGCTGATTTAGAGATAGAAAT 1380
Qy	1402	TGGAGAGACTGCAAAACGCTGATTTAGAGATAGAAACTCTGTTGCTGTGATGC 1461
Db	1381	TGGAGAGACTGCAAAACGCTGATTTAGAGATAGAAACTCTGTTGCTGTGATGC 1440
Qy	1462	RESULT 7
Db	1441	US-10-199-670-319 Sequence 319, Application US/10199670 Publication No. US20040033560A1 GENERAL INFORMATION: APPLICANT: Baker, Kevin P. APPLICANT: Desnoyers, Luc APPLICANT: Goddard, Audrey APPLICANT: Godowski, Paul J. APPLICANT: Gurney, Austin L.

APPLICANT: Pan, James
 APPLICANT: Smith, Victoria
 APPLICANT: Watambe, Colin K.
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3430RAC401
 CURRENT APPLICATION NUMBER: US/10/199, 670
 CURRENT FILING DATE: 2002-07-19
 PRIOR FILING DATE: NUMBER: 10/052586
 PRIOR FILING DATE: 2002-01-15
 PRIOR FILING NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR FILING NUMBER: 60/059266
 PRIOR FILING DATE: 1997-09-18
 PRIOR FILING NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR FILING NUMBER: 60/063120
 PRIOR FILING DATE: 1997-10-24
 PRIOR FILING NUMBER: 60/063121
 PRIOR FILING DATE: 1997-10-24
 PRIOR FILING NUMBER: 60/063486
 PRIOR FILING DATE: 1997-10-21
 PRIOR FILING NUMBER: 60/063540
 PRIOR FILING DATE: 1997-10-28
 PRIOR FILING NUMBER: 60/063541
 PRIOR FILING DATE: 1997-10-28
 PRIOR FILING NUMBER: 60/063544
 Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 612
 SEQ ID NO: 319
 LENGTH: 2103
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-199-670-319

Query Match 97.5% ; Score 1434.6; DB 13; Length 2103;
 Best Local Similarity 99.7%; Pred. No: 0; Mismatches 4; Indels 0; Gaps 0;

Qy 22 CCTTCAGGAATCTCTCATTTGCTGTTGCAATTGATGTATCGCCAGATGTTGGTGGGC 81
 Db 1 CCTTCAGGAATCTCTCATTTGCTGTTGCAATTGATGTATCGCCAGATGTTGGTGGGC 60
 Qy 82 TAGGAAGAAGTTTGTGGAACCCCTGGTTATCGGCTCATGTCATCCCTGAT 141
 Db 61 TAGGAAGAAGTTTGTGGAACCCCTGGTTATCGGCTCATGTCATCCCTGAT 120
 Qy 142 TGCCTGCAAGTTGCAATTGACTCAGTTTCACTGTTTCAATGAAAGAAC 201
 Db 121 TGCCTGCAAGTTGCAATTGACTCAGTTTCAATGAAAGAAC 180
 Qy 202 CTAAATTACTATAGCAATTGCAATTGCAACTATAGCAATTGCAATTGCAAGTGGCAG 261
 Db 181 CTCAATTACTATAGCAATTGCAATTGCAATTGCAATTGCAATTGCAAGTGGCAG 240
 Qy 262 AGGGCTCTAACATTTCAGAAATTGAGCCAGAAGCTGATCAATTGTAAGTTTCAATTGTCAGTTAACATGGTAAAATGC 321
 Db 241 AGGGCTCTAACATTTCAGAAATTGAGCCAGAAGCTGATCAATTGTCAGTTAACATGGTAAAATGC 300
 Qy 322 ATTATTAATCTCCATTAGGAAAGATTGCAAGTTGCAATTGCAATTGCAATTGCAAGTTCACTCA 381
 Db 301 ATTATTAATCTCCATTAGGAAAGATTGCAAGTTGCAATTGCAATTGCAATTGCAAGTTCACTCA 360
 Qy 382 ACAGAAGGATGGAAGTGTGGCTCATATGCTGTTGCAATTGCAATTGCAAGTTCACTCA 441
 Db 361 ACAGAAGGATGGAAGTGTGGCTCATATGCTGTTGCAATTGCAATTGCAAGTTCACTCA 420
 Qy 442 TCCTAGAAACTGTAGATAAAATTGTTCAACTTGTTTACATGAAAAGCTGCAGATGCTGT 501
 Db 421 TCCTAGAAACTGTAGATAAAATTGTTCAACTTGTTTACATGAAAAGCTGCAGATGCTGT 480

Qy 502 AGCACCCCTAAAGTAGATCACTCAGTTAACATTAAATCAAGACAGRAAC 561
 Db 481 AGCACCCCTAAAGTAGATCACTCAGTTAACATTAAATCAAGACAGRAAC 540
 Qy 562 AGACAGTATCTAACATTGCTGGAACACGAAGAGTAAACCTAGTTGCAAGTCT 621
 Db 541 AGACAGTATCTAACATTGCTGGAACACGAAGAGTAAACCTAGTTGCAAGTCT 600
 Qy 622 CAGGATGTTGGAGAGAAGTAGAGAGGGTGAATGGCCTGGAGGCTGCTGCA 681
 Db 601 CAGGATGTTGGGGAGAGAAGTAGAGAGGGTGAATGGCCTGGAGGCTGCTGCA 660
 Qy 682 GTGGATGGAACTCATGCTGTCAGAACCTTAATTATGCCACATGGCTGTGAGTGC 741
 Db 661 GTGGATGGGGACATGGCTGAGAACCTTAATTATGCCACATGGCTGTGAGTGC 720
 Qy 742 TGCTACTGTTTACAACATATAAGAACCCCTGCAAGTGGACTCTCTTGGAGTAAAC 801
 Db 721 TGCTACTGTTTACAACATATAAGAACCCCTGCAAGTGGACTCTCTTGGAGTAAAC 780
 Qy 802 AATAAACCTTGAATTGAAAGCAGGTTCTCGGAGATAATTGTCATGAAATAACA 861
 Db 781 AATAAACCTTGAATTGAAAGCAGGTTCTCGGAGATAATTGTCATGAAATAACA 840
 Qy 862 ACACCCATCACAGTCACTGATGATATTCTCTTCAGACGCTTCTGCTCCTCAC 921
 Db 841 ACACCCATCACAGTCACTGATGATGATATTCTCTTCAGACGCTTCTGCTCCTCAC 900
 Qy 922 AAATGCACTACATAGAGTTGTCTCCCTGATCATCCATGATGTTCAACAGGTGATGT 981
 Db 901 AAATGCACTACATAGAGTTGTCTCCCTGATCATCCATGATGTTCAACAGGTGATGT 960
 Qy 982 GATGTTTCTGAGGAGTTGGGAGACTGAAATGATGGTCAAGCTCAAATCTTCIG 1041
 Db 961 GATGTTTCTGAGGAGTTGGGAGACTGAAATGATGGTCAAGCTCAAATCTTCIG 1020
 Qy 1042 ACAGACAGGTGACTCTCATAGCTGACACTGTAACACTGTAATGTAACCTCAAGCTTACATGTA 1101
 Db 1021 ACAGACAGGTGACTCTCATAGCTGACACTGTAACACTGTAATGTAACCTCAAGCTTACATGTA 1080
 Qy 1102 CGCCATAACTCTTGAATGTTGCTGCTGCTCATGAGCTGTTTAACTAGTAGCTGCA 1161
 Db 1081 CGCCATAACTCTTGAATGTTGCTGCTGCTCATGAGCTGTTTAACTAGTAGCTGCA 1140
 Qy 1162 GGTGACTCTGAGGAGCACTGTTGAGTGTGAACTGTTGCTGTTTAACTAGTGTGG 1221
 Db 1141 GGTGACTCTGAGGAGCACTGTTGAGTGTGAACTGTTGCTGTTTAACTAGTGTGG 1200
 Qy 1222 AATAGTGAAGCTGGAGATGATGTTGCTGCTGCTCATGAGCTGTTTAACTAGTGTGG 1281
 Db 1201 AATAGTGAAGCTGGAGATGATGTTGCTGCTGCTCATGAGCTGTTTAACTAGTGTGG 1260
 Qy 1282 TAGGCCCTTGCGGGACTGGATTACTCAAATCTGTTTAACTAGTGTGG 1341
 Db 1261 TAGGCCCTTGCGGGACTGGATTACTCAAATCTGTTTAACTAGTGTGG 1320
 Qy 1342 GAACAGATAACATTTTGGTTTGGGTGGCCATTTTAGAGATAAGCAAT 1401
 Db 1321 GAACAGATAACATTTTGGTTTGGGTGGCCATTTTAGAGATAAGCAAT 1380
 Qy 1402 TGGAGAAGACTGCAAAACAGTGAATTGACTCAATAAACTGTTGCTGTTGATGTC 1461
 Db 1381 TGGAGAAGACTGCAAAACAGTGAATTGACTCAATAAACTGTTGCTGTTGATGTC 1440
 Qy 1462 A 1462
 Db 1441 A 1441

Qy	1462 A 1462	Qy	262 AGGGCTTCAACATTACAGAAATGAGCCAGAACCTGGATCATGGTCAAATTCGC 321
Db	1441 A 1441	Db	241 AGGGCTTCAACATTACAGAAATGAGCCAGAACCTGGATCATGGTCAAATTCGC 300
	RESULT 9		
	US-10-205-850-319 ; Publication No. US2004008334A1		
	GENERAL INFORMATION:		
	APPLICANT: Baker, Kevin P.	Qy	322 ATTATAATTCATTAAGGAGATTGTCAAGTCTAGGTATCAAGTTAGTCAGTCA 381
	APPLICANT: Chen, Jian	Db	301 ATTATAATTCATTAAGGAGATTGTCAAGTCTAGGTATCAAGTTAGTCAGTCA 360
	APPLICANT: Desnoyers, Luc		
	APPLICANT: Goddard, Audrey		
	APPLICANT: Godowski, Paul J.	Qy	382 ACAGAGGATGGAGGTGTTGCTATATGCTGTTGATTGTAGATTCACTCTGAGGA 441
	APPLICANT: Gurney, Austin L.	Db	361 ACAGAGGATGGAGGTGTTGCTATATGCTGTTGATTGTAGATTCACTCTGAGGA 420
	APPLICANT: Pan, James		
	APPLICANT: Smith, Victoria		
	APPLICANT: Watanabe, Colin K.	Qy	442 TCCAGAACTGTAGATAAAATTGTCACACTGTTACATGAAAAGCTGCAAGATGCTGT 501
	APPLICANT: Wood, William I.	Db	421 TCCAGAACTGTAGATAAAATTGTCACACTGTTACATGAAAAGCTGCAAGATGCTGT 480
	Zhang, Zemin		
	TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC		
	FILE REFERENCE: ACIDS ENCODING THE SAME		
	CURRENT APPLICATION NUMBER: US/10/205, 890	Qy	502 AGGACCCCTAAAGTAGATCCTCACTCAGTTAAATTAAATCAACAGAGAAC 561
	CURRENT FILING DATE: 2002-07-26	Db	481 AGGACCCCTAAAGTAGATCCTCACTCAGTTAAATTAAATCAACAGAGAAC 540
	PRIOR APPLICATION NUMBER: 10/052586	Qy	562 AGACAGGATCPAAACCATTGCTGGAAACAGGAGTAAACTTAGGTTGAGCTGAGCT 621
	PRIOR FILING DATE: 2002-01-15	Db	541 AGACAGGATCPAAACCATTGCTGGAAACAGGAGTAAACTTAGGTTGAGCTGAGCT 600
	PRIOR APPLICATION NUMBER: 60/059263	Qy	622 CAGGATCGTTGGGGAGACAAGAACTGAACTAGAGGGTGAATGGCCCTGGAGGTAGCTCCA 681
	PRIOR FILING DATE: 1997-09-18	Db	601 CAGGATCGTTGGGGAGACAAGAACTGAACTAGAGGGTGAATGGCCCTGGAGGTAGCTCCA 660
	PRIOR APPLICATION NUMBER: 60/059266	Qy	682 GTGGATGGGAACTCATGGCTGGAGAACCTTAATAATGCCACANGGCTGTGAGSTGC 741
	PRIOR FILING DATE: 1997-09-18	Db	661 GTGGATGGGAACTCATGGCTGGAGAACCTTAATAATGCCACANGGCTGTGAGSTGC 720
	PRIOR APPLICATION NUMBER: 60/062250	Qy	742 TGCTACTGTGTTAACATATAGAACCTGGAGATGGACTGCTCTTGGAGTAC 801
	PRIOR FILING DATE: 1997-10-17	Db	721 TGCTACGTGTTAACATATAGAACCTGGAGATGGACTGCTCTTGGAGTAC 780
	PRIOR APPLICATION NUMBER: 60/063120	Qy	802 AATAAACTTCGAAATGAAACGGGCTCCGGAGATTTGCTGAAATACRA 861
	PRIOR FILING DATE: 1997-10-24	Db	781 AATAAACTTCGAAATGAAACGGGCTCCGGAGATTTGCTGAAATACRA 840
	PRIOR APPLICATION NUMBER: 60/063121	Qy	862 ACACCCATACATGACTATGATTCTCTTGAGCTTCTAGCCCTGTGAGCTACAC 921
	PRIOR FILING DATE: 1997-10-24	Db	841 ACACCCATACATGACTATGATTCTCTTGAGCTTCTAGCCCTGTGAGCTACAC 900
	PRIOR APPLICATION NUMBER: 60/063486	Qy	982 GATGTTGTGACNGGATTGGGACCTGAAATAATGAGTTGACGTTCTGAGGTTC 1041
	PRIOR FILING DATE: 1997-10-21	Db	961 GATGTTGTGACNGGATTGGGACCTGAAATAATGAGTTGACGTTCTGAGGTTC 1020
	PRIOR APPLICATION NUMBER: 60/063540	Qy	1042 ACAGGACGGGTAACTCTCATAGAGCTACACTGGATGAACTTACATGCAATGA 1101
	PRIOR FILING DATE: 1997-10-28	Db	1021 ACAGGACGGGTAACTCTCATAGAGCTACACTGGATGAACTTACATGCAATGA 1080
	PRIOR APPLICATION NUMBER: 60/063541	Qy	1102 CGCTATACCTCTGAAATGTTGCTGGCTCCCTTAAAGAGCTGATGCCA 1161
	PRIOR FILING DATE: 1997-10-28	Db	1081 CGCTATACCTCTGAAATGTTGCTGGCTCCCTTAAAGAGCTGATGCCA 1140
	PRIOR APPLICATION NUMBER: 60/063544	Qy	1162 GGTTGACTCTGGAGGACCACTGTTAGATCTGTTAGCTGACCTGTGTTGG 1221
	PRIOR FILING DATE: 1997-10-28	Db	1141 GGTTGACTCTGGAGGACCACTGTTAGATCTGTTAGCTGACCTGTGTTGG 1200
	PRIOR APPLICATION data removed - See file Wrapper or PALM.	Qy	1222 ATATGGTGGCTGGAGATGATGTTGAGCTTATACATAGGT 1281
	NUMBER OF SEQ ID NOS: 612	Db	1201 ATATGGTGGCTGGAGATGATGTTGAGCTTATACATAGGT 1260
	SEQ ID NO 319	Qy	1282 TAGGCCCTTGCGCGAACCTGGATCTAAGAGAAAGCTCTCATG 1341
	LENGTH: 213	Db	1261 TAGGCCCTTGCGCGAACCTGGATCTAAGAGAAAGCTCTCATG 1320
	TYPE: DNA		
	ORGANISM: Homo Sapien		
	US-10-205-850-319		
Qy	Query Match 97.5% ; Score 1434.6 ; Best Local Similarity 99.7% ; Matches 1437; Conservatve 0; Mismatches 1 ;	Qy	Score 1434.6 ; Pred. No. 0 ; Indels 4 ; Gaps 0 ;
Db	CCPTCACAGGAACCTCTCATTTGCGGTTGGCAATGATGATCGGCCAGATGGTGGAGGGC 81	Qy	Qy
Qy	1 CCPTCACAGGAACCTCTCATTTGCGGTTGGCAATGATGATCGGCCAGATGGTGGAGGGC 60	Db	Db
Qy	82 TAGAAAGAGCTTGTGAAACCTGGTATGGCTTGTGATTCATCTGATATCCCTGAT 141	Qy	Qy
Db	61 TAGGAAAGAGCTTGTGCAATTGAGCTTGTGATTCATCTGATATCCCTGAT 120	Db	Db
Qy	142 TGTCCTGGAGTGTGCAATTGAGCTTGTGATTCATCTGATATCCCTGAT 201	Qy	Qy
Db	121 TGTCCTGGAGTGTGCAATTGAGCTTGTGATTCATCTGATATCCCTGAT 180	Db	Db
Qy	202 CTACAATTACTATAGCACATTGTCATTACAACAACTATATGGTGAATGGGAG 261	Qy	Qy
Db	181 CTACAATTACTATAGCACATTGTCATTACAACAACTATGGTGAATGGGAG 240	Db	Db

QY	1342	GAACAGATAACATTTTGTGTTGGGTGGCCATTGGAGATAACAGAT 1401	QY	142	TGCTCTGGCAGTGCTGATTGGACTCACTGTTCATATTGTGAGATAATCAAAGAAGAC 201
DB	1321	GAACAGATAACATTTTGTGTTGGGTGGCCATTGGAGATAACAGAT 1380	DB	121	TGCTCTGGCAGTGCTGATTGGACTCACTGTTCATATTGTGAGATAATCAAAGAAGAC 180
QY	1402	TGGAGAAAGACTTGCRAAACAGCTAGATTGACTGATCTCATAAACTGTTGCTGATEC 1461	QY	202	CTACAAATTACTATAGCACATTGTCATTACAACACTATATGCTGACTGTGGCAG 261
DB	1381	TGGAGAAAGACTTGCRAAACAGCTAGATTGACTGATCTCATAAACTGTTGCTGATEC 1440	DB	181	CTACAAATTACTATAGCACATTGTCATTACAACACTATATGCTGACTGTGGCAG 240
QY	1462	A 1462	QY	262	AGGGCTTCTAACATTTCAGAAATAGCCAGAGACTTGAACTGTCAGTCACTGAGGCA 321
DB	1441	A 1441	DB	241	AGGGCTTCTAACATTTCAGAAATAGCCAGAGACTTGAACTGTCAGTCACTGAGGCA 300
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RESULT 1.0					
US-10-208-024-319					
Sequence 319 Application US/10208024					
Publication No. US20040048335A1					
GENERAL INFORMATION:					
APPLICANT: Baker, Kevin P.					
APPLICANT: Chen, Jian					
APPLICANT: Desnoyer, Luc					
APPLICANT: Goddard, Audrey					
APPLICANT: Godowski, Paul J.					
APPLICANT: Gurney, Austin L.					
APPLICANT: Pan, James					
APPLICANT: Smith, Victoria					
APPLICANT: Watanabe, Colin K.					
APPLICANT: Wood, William I.					
APPLICANT: Zhang, Zemin					
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC					
TITLE OF INVENTION: ACIDS ENCODING THE SAME					
FILE REFERENCE: P3430R1CS38					
CURRENT APPLICATION NUMBER: US/10/208, 024					
CURRENT FILING DATE: 2002-07-29					
PRIOR APPLICATION NUMBER: 10/032586					
PRIOR FILING DATE: 2002-01-15					
PRIOR APPLICATION NUMBER: 60/059263					
PRIOR FILING DATE: 1997-09-18					
PRIOR APPLICATION NUMBER: 60/059266					
PRIOR APPLICATION NUMBER: 60/063120					
PRIOR APPLICATION NUMBER: 60/063121					
PRIOR APPLICATION NUMBER: 60/063486					
PRIOR FILING DATE: 1997-10-21					
PRIOR APPLICATION NUMBER: 60/063540					
PRIOR FILING DATE: 1997-10-28					
PRIOR FILING DATE: 1997-10-28					
NUMBER OF SEQ ID NOS: 619					
SEQ ID NO: 319					
LENGTH: 2103					
TYPE: DNA					
ORGANISM: Homo Sapien					
US-10-208-024-319					
Query Match 97.5%; Score 1434.6; DB 13; Length 2103;					
Best Local Similarity 99.7%; Pred. No. 0; Gaps 0; Mismatches 1437; Conservative 0;					
QY					
22 CCTTCAGGACTCTTAATGCTGTTGGCAATGATGTTGGCAGATGGTGGAGGGC 81					
1 CCTTCAGGACTCTTAATGCTGTTGGCAATGATGTTGGCAGATGGTGGAGGGC 60					
QY					
82 TAGGAAAGAGTTGGGGACCCCTGGTATCGCTCATATCCCTGAT 141					
61 TAGGAAAGAGTTGGGGACCCCTGGTATCGCTCATATCCCTGAT 120					
QY					
22 CCTTCAGGACTCTTAATGCTGTTGGCAATGATGTTGGCAGATGGTGGAGGGC 81					
1 CCTTCAGGACTCTTAATGCTGTTGGCAATGATGTTGGCAGATGGTGGAGGGC 60					
QY					
62 GGTTGACTCTGGGACCCCTGGTATCGCTCATATCCCTGAT 1221					
1141 GGGTCACTCTGGGGACCCCTGGTATCGCTCATATCCCTGAT 1200					

Qy	1222	AATAGTGGCTGGGAGATGAATGTGCGAACACCAAGCCTGTTTAACTTAGAGT	1281	Qy	22	CCTTCACAGGACTCTTCATGCTGGTTGCAATGATGATGCCAGATGGTGGGGC	81
Db	1201	AATATGGCTGGGAGATGAATGTGCGAACACCAAGCCTGTTTAACTTAGAGT	1260	Db	1	CCTTCACAGGACTCTTCATGCTGGTTGCAATGATGCCAGATGGTGGGGC	60
Qy	1282	TACGGCCTGGGACTGGATTACTCAAAACTGGTATAAGGAGAAAGCCTCATG	1341	Qy	82	TAGAAAAAGAGTTTGTTGGGAAACCTGGGTTATGCCCTGTCATGTCATCCCTGAT	141
Db	1261	TACGGCCTGGGACTGGATTACTCAAAACTGGTATAAGGAGAAAGCCTCATG	1320	Db	61	TAGAAAAAGAGTTTGTTGGGAAACCTGGGTTATGCCCTGTCATCCCTGAT	120
Qy	1342	GAACAGATACATTTTTGTGGAGGCCATTTTAGAGATAAGAAT	1401	Qy	142	TGTCCTGGCACTGGGCACTGGGCACTGGGCACTGGGCACTGGGCACTGGGCA	201
Db	1321	GAACAGATACATTTTTGTGGAGGCCATTTTAGAGATAAGAAT	1380	Db	121	TGTCCTGGCACTGGGCACTGGGCACTGGGCACTGGGCACTGGGCACTGGGCA	180
Qy	1402	TGGAGAGACTGGCAAAACGCTAGATTGCTCAATAACTGTTGCTGATGC	1461	Qy	202	CTACATTACTAGACATGTCATTACACCAAACTATGTCAGTTGGCAG	261
Db	1381	TGGAGAGACTGGCAAAACGCTAGATTGCTCAATAACTGTTGCTGATGC	1440	Db	181	CTACATTACTAGACATGTCATTACACCAAACTATGTCAGTTGGCAG	240
Qy	1462	A 1462		Qy	262	AGAGGCTTCTAACATTATCAGAAATGAGCAGACTGTAATGTTGAAATG	321
Db	1441	A 1441		Db	241	AGAGGCTTCTAACATTACAGAAATGAGCAGACTGTAATGTTGAAATG	300
Qy	322	ATTTTATAAACTCCATTAGGGAGAAATTGTCAGGTTCAAGTCAGTCAGTC	381	Qy	301	ATTTTATAAACTCCATTAGGGAGAAATTGTCAGGTTCAAGTCAGTCAGTC	360
Db	301	ATTTTATAAACTCCATTAGGGAGAAATTGTCAGGTTCAAGTCAGTCAGTC		Qy	382	ACAGAGCAGGGAGTTGGCTCATTGCTCAGATGCTGTTGTTGAGATTTC	441
Qy	382	ACAGAGCAGGGAGTTGGCTCATTGCTCAGATGCTGTTGTTGAGATTTC		Db	361	ACAGAGCAGGGAGTTGGCTCATTGCTCAGATGCTGTTGAGATTTC	420
Db	361	ACAGAGCAGGGAGTTGGCTCATTGCTCAGATGCTGTTGAGATTTC		Qy	442	TCCTGAACTGTTGAGATAAAATTGTCACCTGTTACAGAAAGCTGCAAATG	501
Qy	442	TCCTGAACTGTTGAGATAAAATTGTCACCTGTTACAGAAAGCTGCAAATG		Db	421	TCCTGAACTGTTGAGATAAAATTGTCACCTGTTACATGAAAGCTGCAAATG	480
Qy	502	AGGACUCCTPAAAGTAGATCTCATTCACTCAGTTAAATTAAACACAGAAC	561	Qy	481	AGGACUCCTPAAAGTAGATCTCATTCACTCAGTTAAATTAAACACAGAAC	540
Db	481	AGGACUCCTPAAAGTAGATCTCATTCACTCAGTTAAATTAAACACAGAAC		Qy	562	AGACAGCTATCTAACCTGCTGGGAACACGAAGATAAACTCTAGTCAGAGTC	621
Qy	562	AGACAGCTATCTAACCTGCTGGGAACACGAAGATAAACTCTAGTCAGAGTC		Db	541	AGACAGCTATCTAACCTGCTGGGAACACGAAGATAAACTCTAGTCAGAGTC	600
Db	541	AGACAGCTATCTAACCTGCTGGGAACACGAAGATAAACTCTAGTCAGAGTC		Qy	622	CAGGATCGTTGGTGGACAGAGATAAGGGGTATGGCCCTGGCAGGTAGCTGCA	681
Qy	622	CAGGATCGTTGGTGGACAGAGATAAGGGGTATGGCCCTGGCAGGTAGCTGCA		Db	601	CAGGATCGTTGGTGGACAGAGATAAGGGGTATGGCCCTGGCAGGTAGCTGCA	660
Qy	682	GTGGATGGGAGTCATGCTGGGAAACCTTAATTAACTCCATGGGTTGAGTGC	741	Qy	661	GTGGATGGGAGTCATGCTGGGAAACCTTAATTAACTCCATGGGTTGAGTGC	720
Db	661	GTGGATGGGAGTCATGCTGGGAAACCTTAATTAACTCCATGGGTTGAGTGC		Qy	742	TGCTCACTGTTTACACATAAGAACCCCTGGCGATGGACTGCTCCTGGAGTAAC	801
Qy	742	TGCTCACTGTTTACACATAAGAACCCCTGGCGATGGACTGCTCCTGGAGTAAC		Db	721	TGCTCACTGTTTACACATAAGAACCCCTGGCGATGGACTGCTCCTGGAGTAAC	780
Db	721	TGCTCACTGTTTACACATAAGAACCCCTGGCGATGGACTGCTCCTGGAGTAAC		Qy	802	AATAAAACCTTCGAAATGAAACGGGTTCTGGAGATAATTGTCATGAAAATACAA	861
Qy	802	AATAAAACCTTCGAAATGAAACGGGTTCTGGAGATAATTGTCATGAAAATACAA		Db	781	AATAAAACCTTCGAAATGAAACGGGTTCTGGAGATAATTGTCATGAAAATACAA	840
Db	781	AATAAAACCTTCGAAATGAAACGGGTTCTGGAGATAATTGTCATGAAAATACAA		Qy	862	ACACCCATCACGACTATGATAATTGTCAGGCTGTCCTCACAC	921
Qy	862	ACACCCATCACGACTATGATAATTGTCAGGCTGTCCTCACAC		Db	841	ACACCCATCACGACTATGATAATTGTCAGGCTGTCCTCACAC	900
Db	841	ACACCCATCACGACTATGATAATTGTCAGGCTGTCCTCACAC		Qy	922	AAATGCGTACATGAGTTGCTCCCTGTCATCCTAGTTCAACCGGTGATGT	981
Qy	922	AAATGCGTACATGAGTTGCTCCCTGTCATCCTAGTTCAACCGGTGATGT		Db	901	AAATGCGTACATGAGTTGCTCCCTGTCATCCTAGTTCAACCGGTGATGT	960
Db	901	AAATGCGTACATGAGTTGCTCCCTGTCATCCTAGTTCAACCGGTGATGT		Qy	982	GATGTTTGTGACAGGATTTGGGACTGAAATGATGGTTCAGTCATCTTCG	1041
Qy	982	GATGTTTGTGACAGGATTTGGGACTGAAATGATGGTTCAGTCATCTTCG		Db	961	GATGTTTGTGACAGGATTTGGGACTGAAATGATGGTTCAGTCATCTTCG	1020
Db	961	GATGTTTGTGACAGGATTTGGGACTGAAATGATGGTTCAGTCATCTTCG		Qy	1042	ACAGACACGGTGAATCTCATGAGCTGAACTGAACTCAAGTTTACATGA	1101
Qy	1042	ACAGACACGGTGAATCTCATGAGCTGAACTGAACTCAAGTTTACATGA		Db	1021	ACAGACACGGTGAATCTCATGAGCTGAACTGAACTCAAGTTTACATGA	1080
Db	1021	ACAGACACGGTGAATCTCATGAGCTGAACTGAACTCAAGTTTACATGA		Matches 1437; Conservative 0; Mismatches 4; Indels 0; Gaps 0;			

RESULT 11
US -10-201-953-319
Sequence 319, Application US/10201853
Publication No. US2004005358A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C465
CURRENT APPLICATION NUMBER: US/10/201, 853
CURRENT FILING DATE: 2002-07-23
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059463
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO: 319
LENGTH: 2103
TYPE: DNA
ORGANISM: Homo Sapien
US-10-201-853-319

APPLICANT: Wood, William J.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ACIDS ENCODING THE SAME
 FILE REFERENCE: P32.30RIC1
 CURRENT APPLICATION NUMBER: US/10/063 , 549
 CURRENT FILING DATE: 2002-05-02
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO: 105
 LENGTH: 2103
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-549-105

Query Matchb 97.5%; Score 1434.6; DB 13; Length 2103;
 Best Local Similarity 99.7%; Pred. No. 0; Indels 0; Gaps 0;
 Matches 1437; Conservative 0; Mismatches 4;

Qy	22 CCTTCACAGGACTCTTCAATGGCTGGCATGGCANTGATGATGCCCGATGPGGTGGGGC 81
Db	1 OCTTCACAGGACTCTTCAATGGCTGGCATGGCANTGATGATGCCCGATGPGGTGGGGC 60
Qy	82 TAGAAAGAAGTTGTTGGAAACCCCTGGTATGGCTCGPCATGTTCATATCCCTGAT 141
Db	61 TAGAAAGAAGTTGTTGGAAACCCCTGGTATGGCTCGPCATGTTCATATCCCTGAT 120
Qy	142 TGTCCCTGCAAGTGTGATGGAGTCACTGGTCAATTGAGATAATCAAAGAAC 201
Db	121 TGCCCTGCAAGTGTGATGGAGTCACTGGTCAATTGAGATAATCAAAGAAC 180
Qy	202 CTACAATTACTATAGCAATTCTTCAACTGACAACTAATATGGTCAAGTTGGAG 261
Db	181 CTACAATTACTATAGCAATTCTTCAACTGACAACTAATATGGTCAAGTTGGAG 240
Qy	262 AGAGGCCTCTAACATTCTACGAAATGGCCAGAAGCTTGATCAATTGGCCAT 321
Db	241 AGAGGCCTCTAACATTCTACGAAATGGCCAGAAGCTTGATCAATTGGCCAT 300
Qy	322 ATTTATAAATCCTTCAATTAGGAAGAAATTGTCAGGTATCAAGTTCACTCA 381
Db	301 ATTTATAAATCCTTCAATTAGGAAGAAATTGTCAGGTATCAAGTTCACTCA 360
Qy	382 ACAGAAAGTGGGCTCATAGCTGTGATTTGATGATTCACTCTGAGGA 441
Db	361 ACAGAAAGTGGGCTCATAGCTGTGATTTGATGATTCACTCTGAGGA 420
Qy	442 TCTGTGAACTGTGATTAATGTTCACTTGTGATGAGTTCACTGAGATGTT 501
Db	421 TCTGTGAACTGTGATTAATGTTCACTTGTGATGAGTTCACTGAGATGTT 480
Qy	502 AGGACCCCTAAAGTAGTACATTCCTTCAACTGTTACATGAAAGCAGAAC 561
Db	481 AGGACCCCTAAAGTAGTACATTCCTTCAACTGTTACATGAAAGCAGAAC 540
Qy	562 AGCAGCTATCTAACCTATTGCTGCGAACATATAAGAACCTTCAACTGAGCT 621
Db	541 AGCAGCTATCTAACCTATTGCTGCGAACATATAAGAACCTTCAACTGAGCT 600
Qy	622 CAGGATCTTGGGAGAACAGAACTAGAGGAGGTGAATGGCCCTGGGGCTAGCTGCA 681
Db	601 CAGGATCTTGGGAGAACAGAACTAGAGGAGGTGAATGGCCCTGGGGCTAGCTGCA 660
Qy	682 GTGGATGGAGTCACTGGCTGAGAACCTTCAATATAAGAACCTTCAACTGAGCT 741
Db	661 GTGGATGGAGTCACTGGCTGAGAACCTTCAATATAAGAACCTTCAACTGAGCT 720
Qy	742 TGCCTACTCTTCAACATATAAGAACCTTCAACTGAGCTTGGATGAAAC 801
Db	721 TGCCTACTCTTCAACATATAAGAACCTTCAACTGAGCTTGGATGAAAC 780
Qy	802 AATAAAACCTTCGAAGAAAGTAAACCGGGCTCCGGAGATAATTGTCCTGAAATAACAA 861
Db	781 AATAAAACCTTCGAAGAAAGTAAACCGGGCTCCGGAGATAATTGTCCTGAAATAACAA 840

Search completed: May 16, 2004, 05:31:48
 Job time : 673.5 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model

Run on: May 15, 2004, 23:50:33 ; Search time 653.5 Seconds

(without alignments)

10214.950 Million cell updates/sec

Title: US-09-674-035B-1
Perfect score: 1471
Sequence: 1 tgacttggatgtagacctcg.....tgcttgtatgcaaaaaaaaaa 1471

Scoring table: IDENTITY_NUC
GapOp 10_0 , GapExt 1.0

Searched: 2947324 seqs, 2269024515 residues

Total number of hits satisfying chosen parameters:

5894678

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

1: /cgn2_6_ptodata/2/pubpna/us07_pubcomb.seq:*

2: /cgn2_6_ptodata/2/pubpna/pctcseq:*

3: /cgn2_6_ptodata/2/pubpna/us06_new_pub.seq:*

4: /cgn2_6_ptodata/2/pubpna/us06_pubcomb.seq:*

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6: /cgn2_6_ptodata/2/pubpna/pctos_pubcomb.seq:*

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10: /cgn2_6_ptodata/2/pubpna/us09b_pubcomb.seq:*

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18: /cgn2_6_ptodata/2/pubpna/us60_new_pub.seq:*

19: /cgn2_6_ptodata/2/pubpna/us60_pubcomb.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Match Length DB ID Description

Result No.	Score	Match	Length	DB ID	Description
1	1469.8	99.9	1471	16 US-10-156-214A-27	Sequence 27, App
2	1469.8	99.9	1471	16 US-10-156-214A-40	Sequence 40, App
3	1450	98.6	5058	10 US-09-796-753-145	Sequence 145, App
4	1439.4	97.9	2103	10 US-09-946-374-268	Sequence 268, App
5	1439.4	97.9	2103	12 US-10-015-395A-268	Sequence 268, App
6	1439.4	97.9	2103	13 US-10-206-915-219	Sequence 319, App
7	1439.4	97.9	2103	13 US-10-199-670-319	Sequence 319, App
8	1439.4	97.9	2103	13 US-10-201-858-319	Sequence 319, App
9	1439.4	97.9	2103	13 US-10-205-890-319	Sequence 319, App
10	1439.4	97.9	2103	13 US-10-208-024-319	Sequence 319, App
11	1439.4	97.9	2103	13 US-10-201-853-319	Sequence 319, App
12	1439.4	97.9	2103	13 US-10-063-745-105	Sequence 105, App
13	1439.4	97.9	2103	13 US-10-063-512-105	Sequence 105, App
14	1439.4	97.9	2103	13 US-10-063-513-105	Sequence 105, App

ALIGNMENTS

RESULT 1
US-10-156-214A-27

; Sequence 27, Application US/10156214A
; Publication No. US20040001801A1
; GENERAL INFORMATION:
; APPLICANT: Edwin L. Madison
; APPLICANT: Joseph Edward Semple
; APPLICANT: George P. Vlasuk
; APPLICANT: Scott Jeffrey Kemp
; APPLICANT: Malauredy Komandla
; APPLICANT: Daniel Vanna Siev
; TITLE OF INVENTION: Conjugates Activated By Cell Surface Proteases and Therapeutic
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 24745-1611
; CURRENT APPLICATION NUMBER: US/10/156,214A
; CURRENT FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 27
; LENGTH: 1471
; TYPE: DNA
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (626) .. (1324)
; OTHER INFORMATION: DESC1. gene
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (56) .. (1324)
; OTHER INFORMATION: protease domain
US-10-156-214A-27

Query Match 99.9%; Score 1469.8;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1468; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy

1 TGACCTGGATGTAAGRCCTCGACGACTTCAATTGCTGTTGCAATGATGTA 60

Db	1221 CGTCACTTCATACCCGTATTGCTGCCAGTGTCAATTGAACTTCACTGGASTCATGTTCAATTCT 180	Db	1201 AGATATCIGTGTGTTACCTTGCTGGAATAGTAGCTGGCTGGAAACTGGATGCGGAACCCAACAA 1260
Qy	1.81 GAGATATAATCAAGAAGACCTAAATTAATCTAGAACATTGCACTAACATGAA 240	Qy	1261 GCCGGTGTGTTTACTAGAGTTAGGGCTTGCGGAGCTGGATACTTCAAACCTGGAT 1320
Db	1.81 GAGATATAATCAAGAAGACCTAAATTAATCTAGAACATTGCACTAACATGAA 240	Db	1261 GCCGGTGTGTTTACTAGAGTTAGGGCTTGCGGAGCTGGATACTTCAAACCTGGAT 1320
Qy	24.1 ACTATATGCTGAGTTGGAGAGGGCTTCAACATTTACAGAAATGGCCAGAGCT 300	Qy	1321 CTAGAGAGAAAGCCTCATGGACAGATAACATTTTGGGTTGGGTGGAGG 13.80
Db	24.1 ACTATATGCTGAGTTGGAGAGGGCTTCAACATTTACAGAAATGGCCAGAGCT 300	Db	1321 CTAGAGAGAAAGCCTCATGGACAGATAACATTTTGGGTTGGGTGGAGG 13.80
Qy	3.01 TGAATCAATGTTGAAAATGCACTTTATAATCTCCATTAAAGGGAAGAATTGCAACTC 360	Qy	1381 CCATTTTAGAGATACAGAATTGGAAAGACTGCAAAACAGCTAGATTGACITGATCTC 14.40
Db	3.01 TGAATCAATGTTGAAAATGCACTTTATAATCTCCATTAAAGGGAAGAATTGCAACTC 360	Db	1381 CCATTTTAGAGATACAGAATTGGAAAGACTGCAAAACAGCTAGATTGACITGATCTC 14.40
Qy	36.1 TCAGGTTATCAAGTCACTGCTAACAGAGCACTGGAGCTGGCTCATATCTGTGATTTG 420	Qy	1441 ATAAACTGTTGGCTGAGCAAAAAA 14.71
Db	36.1 TCAGGTTATCAAGTCACTGCTAACAGAGCACTGGAGCTGGCTCATATCTGTGATTTG 420	Db	1441 ATAAACTGTTGGCTGAGCAAAAAA 14.71
Qy	4.21 TAGATTCACTCTACTGAGGATCTGAAACTGTCAAAATTGTTTACA 480	RESULT 3 US-09-796-753-145	
Db	4.21 TAGATTCACTCTACTGAGGATCTGAAATTGTTAAATTGTCACCTGTTAAC 480	; Sequence 145, Application US/09-796-753 ; Publication No. US2003002998A1	
Qy	48.1 TGAAPAGCTGAAAGTGTCTAGGACCCCTAAAGTAGATCCTACTAGTTAA 540	; GENERAL INFORMATION: ; APPLICANT: McCarthy, Sean A. ; TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF ; FILE REFERENCE: 7853-227-999	
Db	48.1 TGAAPAGCTGAAAGTGTCTAGGACCCCTAAAGTAGATCCTACTAGTTAA 540	; CURRENT APPLICATION NUMBER: US/09-796-753 ; CURRENT FILING DATE: 2001-03-01 ; PRIOR APPLICATION NUMBER: 09/183,175 ; PRIOR FILING DATE: 1998-10-30 ; PRIOR APPLICATION NUMBER: 09/223,094 ; PRIOR FILING DATE: 1998-12-30 ; PRIOR APPLICATION NUMBER: 09/7223,546 ; PRIOR FILING DATE: 1998-12-30 ; PRIOR APPLICATION NUMBER: 09/224,246 ; PRIOR FILING DATE: 1998-12-30 ; PRIOR APPLICATION NUMBER: 09/259,388 ; PRIOR FILING DATE: 1999-02-26 ; PRIOR APPLICATION NUMBER: 60/122,458 ; PRIOR FILING DATE: 1999-03-01 ; PRIOR APPLICATION NUMBER: 09/312,159 ; PRIOR FILING DATE: 1999-05-14 ; PRIOR APPLICATION NUMBER: 09/336,536 ; PRIOR FILING DATE: 1999-06-18 ; PRIOR APPLICATION NUMBER: 09/342,687 ; PRIOR FILING DATE: 1999-06-29 ; PRIOR APPLICATION NUMBER: 09/345,464 ; PRIOR FILING DATE: 1999-06-30 ; PRIOR APPLICATION NUMBER: 09/365,164 ; PRIOR FILING DATE: 1999-07-30 ; PRIOR APPLICATION NUMBER: 09/399,723 ; PRIOR FILING DATE: 1999-09-20 ; PRIOR APPLICATION NUMBER: 09/409,334 ; PRIOR FILING DATE: 1999-09-30 ; PRIOR APPLICATION NUMBER: 09/471,179 ; PRIOR FILING DATE: 1999-12-23 ; PRIOR APPLICATION NUMBER: 09/474,071 ; PRIOR FILING DATE: 2000-03-01 ; PRIOR APPLICATION NUMBER: 09/572,002 ; PRIOR FILING DATE: 2000-05-14 ; PRIOR APPLICATION NUMBER: 09/597,993 ; PRIOR FILING DATE: 2000-06-19 ; PRIOR APPLICATION NUMBER: 09/599,596 ; PRIOR FILING DATE: 2000-06-22 ; PRIOR APPLICATION NUMBER: 09/630,334 ; PRIOR FILING DATE: 2000-07-31	
Qy	5.41 AAAATCAATAAAGACGAAACAGACGCTTAAACACTGCTGCGGAAACCGAAAGAG 600		
Db	5.41 AAAATCAATAAAGACGAAACAGACGCTTAAACACTGCTGCGGAAACCGAAAGAG 600		
Qy	60.1 TAAACTCTAGGTCAAGCTCAGATCTGAGCTGAGTCAAGAAGGTGAATG 660		
Db	60.1 TAAAACTCTAGGTCAAGCTCAGATCTGAGCTGAGTCAAGAAGGTGAATG 660		
Qy	66.1 GCCCTGGAGGCTAGCCCTGCAGTGGATGGAGGTATCGCTGTGGAGAACCTTAATTAA 720		
Db	66.1 GCCCTGGAGGCTAGCCCTGCAGTGGAGAACCTTAATTAA 720		
Qy	72.1 TGCCACATGCTGAGTCAACATATAAGAACCTGCTGCGAGATC 780		
Db	72.1 TGCCACATGCTGAGTCAACATATAAGAACCTGCTGCGAGATC 780		
Qy	78.1 GACTGCTCCCTTGAGATCAATAAACCTTGTGAAATCAAACGGGTCTCCGGAGAT 840		
Db	78.1 GACTGCTCCCTTGAGATCAATAAACCTTGTGAAATCAAACGGGTCTCCGGAGAT 840		
Qy	84.1 AATGTCATGAAATAACACCATACATGACTATGATATTCTTGAGAGCT 900		
Db	84.1 AATGTCATGAAATAACACCATACATGACTATGATATTCTTGAGAGCT 900		
Qy	90.1 TTCTAGCCCTGTTCCCTACAGCTTGTGAACTGAAATGATGAGCTCTCA 960		
Db	90.1 TTCTAGCCCTGTTCCCTACAGCTTGTGAACTGAAATGATGAGCTCTCA 960		
Qy	96.1 TGAGTTCAACCGGTGATGTTGTGACAGGATTGGCACTGAAATGAGCT 1020		
Db	96.1 TGAGTTCAACCGGTGATGTTGTGACAGGATTGGCACTGAAATGAGCT 1020		
Qy	102.1 TTACAGTCAAATCATCTTCGACAAAGCACAGGTGACTCTATAGCGCTAACACTGCA 1080		
Db	102.1 TTACAGTCAAATCATCTTCGACAAAGCACAGGTGACTCTATAGCGCTAACACTGCA 1080		
Qy	108.1 TGAACCTCAAGCTTGTGACAGGTTGGAGACTGAAATGAGCT 1140		
Db	108.1 TGAACCTCAAGCTTGTGACAGGTTGGAGACTGAAATGAGCT 1140		
Qy	114.1 AGGAAAACAGATGCTGGAGGCTACTCTGGAGCAACTCTGGCTCTTGA 1200		
Db	114.1 AGGAAAACAGATGCTGGAGGCTACTCTGGAGCAACTCTGGCTCTTGA 1200		
Qy	120.1 AGATATCIGTGTGTTACCTTGCTGGAATAGTGGCTGGAGAATGCCAACAA 1260		

PRIOR APPLICATION NUMBER:	09/606, 565	Db	781	TGGAGTAACTAAACCTTCGAAATGAAATGAAACGGGCTCGGAGATAATTGTCATGAA		
PRIOR FILING DATE:	2000-06-29	Qy	853	AAAATACAAACCCATCACATGACTATGATATTCTCTGCAGGCTTCTAGGCCCTGT		
PRIOR APPLICATION NUMBER:	09/606, 317	Db	841	AAAATACAAACCCATCACATGACTATGATATTCTCTGCAGGCTTCTAGGCCCTGT		
PRIOR FILING DATE:	2000-06-29	Qy	913	TCCCTACACAATGCGTAGCATAGCTTGTCTCCGTGACCATCTATGAGTTCAACC		
PRIOR APPLICATION NUMBER:	09/665, 666	Db	901	TCCCTACACAATGCGTAGCATAGCTTGTCTCCGTGACCATCTATGAGTTCAACC		
PRIOR FILING DATE:	2000-09-20	Qy	973	AGGTGATGATGATGTTGTGAGGATTGGAGCACTGAAATGATGGTACAGTAAAAA		
PRIOR APPLICATION NUMBER:	09/677, 751	Db	961	AGGTGATGATGTTGTGAGGATTGGAGCACTGAAATGATGGTACAGTAAAAA		
PRIOR FILING DATE:	2000-09-30	Qy	1033	TCATCCTGAGAACAGCTGACTCTCATAGAGCTACACTCTGAATGAACTCAAGC		
NUMBER OF SEQ ID NOS:	162	Db	1021	TCATCCTGAGAACAGCTGACTCTCATAGAGCTACACTCTGAATGAACTCAAGC		
SEQ ID NO:	145	Qy	1093	TTACAAATGAGCCATAACTCTAGAATGTTATGCTGTCCTAGAGAAACAGA		
LENGTH:	5058	Db	1081	TTACAAATGAGCCATAACTCTAGAATGTTATGCTGTCCTAGAGAAACAGA		
TYPE: DNA		Qy	1153	TGCAATCCAGGGTGAACCTGGAGAACACTGGTGTGAACTCTGTTAAGATCTG		
ORGANISM: Homo sapiens		Db	1141	TGATGCCAGGGTGAACCTGGAGAACACTGGTGTGAACTCTGTTAAGATCTG		
US - 09-796-753-145		Qy	1213	CCTTGGCTGGAAATGAGCTGGCTGGGAGATGAGCTGGGAAACCCAAACAGC		
Query Match	98.6%;	Score 1450;	DB 10;	Length 5058;		
Best Local Similarity	100.0%;	Pred. No.	0;			
Matches 1450;	Conservative	0;	Mismatches	0;		
Db	1	Indels	0;	Gaps	0;	
Qy	13	AGACCTGACCTTCACAGGACTCTCATGCTGGCAATGATGATGCCAGATG	72	Db	1277	TTACAAATGAGCCATAACTCTAGAATGTTATGCTGTCCTAGAGAAACAGA
Db	1	AGACCTGACCTTCACAGGACTCTCATGCTGGCAATGATGATGCCAGATG	60	Db	1261	TACTAGATGGTACGGCTGGGAACTCTGTTAAGATGAGCTGGGAAACCCAA
Qy	73	GCTGAGGCTTGGAAAGAGACTTGTGCGAACCCCTGGTTATCGGCTCCGCTCAT	132	Qy	1273	TACTAGATGGTACGGCTGGGAACTCTGTTAAGATGAGCTGGGAAACCCAA
Db	61	GCTGAGGCTTGGAAAGAGACTTGTGCGAACCCCTGGTTATCGGCTCCGCTCAT	120	Db	1261	TACTAGATGGTACGGCTGGGAAACCCAAACAGCTGGTATCTCAAACTGG
Qy	13	ATCCCTGATTTGCTGCAGGTGTGCAATTGGACTACTGTCATTATGTGAGATAATA	192	Qy	1323	ATACAGAATGGTACGGCTGGGAAACCCAAACAGCTGGTATCTCAAACTGG
Db	121	ATCCCTGATTTGCTGCAGGTGTGCAATTGGACTACTGTCATTATGTGAGATAATA	180	Db	1201	ATACAGAATGGTACGGCTGGGAAACCCAAACAGCTGGTATCTCAAACTGG
Qy	193	AAAAGAACCTTACAATTACTATAGCACATTGTGCAACTATATGCTGA	252	Qy	1333	AGCCATGGAAACGATAACATTTTTTGGGTTGGGCAATTTTAGAG
Db	181	AAAAGAACCTTACAATTACTATAGCACATTGTGCAACTATATGCTGA	240	Db	1321	AGCCATGGAAACGATAACATTTTGGGTTGGGCAATTTTAGAG
Qy	253	GTTTGGAGAGGGCTTACAATTACATTACGAAATGAGCAGACTGATCAGTG	312	Db	1321	AGCCATGGAAACGATAACATTTTGGGTTGGGCAATTTTAGAG
Db	241	GTTTGGAGAGGGCTTACAATTACGAAATGAGCAGACTGATCAGTG	300	Qy	1393	ATACAGAATGGGAAAGACTGCTGGGAAACCCAAACAGCTGGTATCTCAAA
Qy	313	GAAAATGCAATTATAATCCATTAAGGGAAAGATTGTCAAGTCAGTTACAA	372	Db	1381	ATACAGAATGGGAAAGACTGCTGGGAAACCCAAACAGCTGGTATCTCAAA
Db	301	GAAAATGCAATTATAATCCATTAAGGGAAAGATTGTCAAGTCAGTTACAA	360	Qy	1453	GCTTGATGCA 1462
Qy	373	GTTCACTAACAGAAGGATTCGAGTCATATGCTGTGATTGTGAGTTCACTC	432	Db	1441	GCTTGATGCA 1450
Db	361	GTTCACTAACAGAAGGATTCGAGTCATATGCTGTGATTGTGAGTTCACTC	420			
Qy	433	TACTGAGATCTGAAACTGCTAAATGTCACATTGTCACCTTGTGAGAGTC	492			
Db	421	TACTGAGATCTGAAACTGCTAAATGTCACATTGTCACCTTGTGAGAGTC	480			
Qy	493	AGATGCTGTTGAAACCCCTAAAGTAGCTTCACTGAGTTAAATAACCAA	552			
Db	481	AGATGCTGTTGAAACCCCTAAAGTAGCTTCACTGAGTTAAATAACCAA	540			
Qy	553	GACAGAACAGAACAGCTTAAACCATGCTGGAAACCGAAGGTTAACCTG	612			
Db	541	GACAGAACAGAACAGCTTAAACCATGCTGGAAACCGAAGGTTAACCTG	600			
Qy	613	TCTGAGTCTCAGATGCTGGGCACTGAGCTGGAGCTGGCTGGAGCGC	672			
Db	601	TCTGAGTCTCAGATGCTGGGCACTGAGCTGGCTGGAGCGC	660			
Qy	673	TAGCTGCTGGGATGGGATGGGATGGGATGGGATGGGATGGGATGG	732			
Db	661	TAGCTGCTGGGATGGGATGGGATGGGATGGGATGGGATGGGATGG	720			
Qy	733	TGTGAGTCTGCTGGGATGGGATGGGATGGGATGGGATGGGATGG	792			
Db	721	TGTGAGTCTGCTGGGATGGGATGGGATGGGATGGGATGGGATGG	780			
Qy	793	TGGAGTACAACTAAACCTTCGAAATGAAACGGGTTCTCCGAGAAATA	852			

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleotides
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2830P1CL

CURRENT APPLICATION NUMBER: US/09/946,374

CURRENT FILING DATE: 2001-09-04

PRIOR APPLICATION NUMBER: 60/098716

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098749

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098803

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098821

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/098843

PRIOR FILING DATE: 1998-09-02

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099536

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099538

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099598

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099602

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099642

PRIOR FILING DATE: 1998-09-09

PRIOR APPLICATION NUMBER: 60/099741

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099754

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099763

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099792

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099808

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099812

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099815

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099816

PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/100385

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100388

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100390

PRIOR FILING DATE: 1998-09-15

PRIOR APPLICATION NUMBER: 60/100584

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100627

PRIOR FILING DATE: 1998-09-16

PRIOR APPLICATION NUMBER: 60/100683

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100684

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100710

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100711

PRIOR FILING DATE: 1998-09-17

PRIOR APPLICATION NUMBER: 60/100848

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/100849

PRIOR FILING DATE: 1998-09-18

PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807

Query Match
Best Local Similarity 99.9%; Score 1439.4; DB 10; Length 2103;
Matches 1440; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY	22	CCTTCACAGGACTCTTCATTGCTGGTGGCAATGATGATGGCCAGATGTTGGTGGGCC	81	Db	1	CCITCACAGGACTCTTCATTGCTGGTGGCAATGATGATGGCCAGATGTTGGTGGGCC	60
QY	82	TAGGAAAGAAGTGTCTGGAAACCTGGTTGGCTCGTCACTATCCCTCAT	141	Db	61	TAGGAAAGAAGTGTCTGGAAACCTGGCTCGTCACTATCCCTCAT	120
QY	142	TGTCTGGAGTGTGTCATTCGACTGACTGTCAATTATGGAGATAATAAGAAC	201	Db	121	TGTCTGGAGTGTGTCATTCGACTGACTGTCAATTATGGAGATAATAAGAAC	180
QY	202	CTACATTAATAGCACATTGTCATTAACTGCAACTATGGCTGAATGTTGGCAG	261	Db	181	CTACATTAATAGCACATTGTCATTAACTGCAACTATGGCTGAATGTTGGCAG	240
QY	262	AGAGCTCTTAACATTTCAGAAATGACCAGAACCTGGCTCGTCAATTGAAATG	321	Db	241	AGAGCTCTTAACATTTCAGAAATGACCAGAACCTGGCTCGTCAATTGAAATG	300
QY	322	ATTTATTAATCTCCATTAGGGAGAATTGTCAGTTCACTGTTCAAGTCAGTC	381	Db	301	ATTTATTAATCTCCATTAGGGAGAATTGTCAGTTCACTGTTCAAGTCAGTC	360
QY	382	ACAGAGCATGGAGTGTGGCTCATATGGCTGATTCACTCTACTGAGGA	441	Db	361	ACAGAGCATGGAGTGTGGCTCATATGGCTGATTCACTCTACTGAGGA	420
QY	442	TCCTGAACCTGATGATAATTGTCAACTGTTAACATGAAAGCTGCAAGATGTC	501	Db	421	TCCTGAACCTGATGATAATTGTCAACTGTTAACATGAAAGCTGCAAGATGTC	480
QY	502	AGGACCCCTAAAGTAGATCTCACTGTTAACATGTTAACATGAAAC	561	Db	481	AGGACCCCTAAAGTAGATCTCACTGTTAACATGAAAC	540
QY	562	AGACAGCTTAAACCATGCTGGGACAGAAAGTAAAACCTCTAGTCAGTC	621	Db			

RESULT 5
US-10-015-395A-268
Sequence 268, Application US/10015395A
Publication No. US20040073015A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: DeBoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone

APPLICANT:	Fong, Sherman	Qy	742	TGCTCACTGTGTTAACACATATAAGAACCCTCGCAGATGGACTCTTGCATGGAAAC
APPLICANT:	Gao, Wei-Qiang	Db	721	TGCTCACTGTGTTAACACATATAAGAACCCCTCGCAGATGGACTCTTGCATGGAAAC
APPLICANT:	Goddard, Audrey			
APPLICANT:	Godowski, Paul J.			
APPLICANT:	Grimaldi, Christopher J.			
APPLICANT:	Gurney, Austin L.			
APPLICANT:	Hillan, Kenneth J.			
APPLICANT:	Pan, James			
APPLICANT:	Pioni, Nicholas F.			
TITLE OF INVENTION:	Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same			
FILE REFERENCE:	P2830PC57			
CURRENT APPLICATION NUMBER:	US/10/015,395A			
CURRENT FILING DATE:	2001-12-12			
PRIOR APPLICATION REMOVED - See file Wrapper or Palm				
NUMBER OF SEQ ID NOS:	477			
SEQ ID NO:	268			
LENGTH:	2103			
TYPE: DNA				
ORGANISM:	Homo sapiens			
US-10-015-395A-268				
Query Match	97.9%	Score 1439.4;	DB 12;	Length 2103;
Best Local Similarity	99.9%	Prod. No. 0;	Indels 0;	Gap 0;
Matches 1440; Conservative 0; Mismatches 1; Gaps 0;				
Qy	22 CCTTCACGGACTCTTCATTGCTGGTGGCAATGATGATGCCAGATGTTGGGGC 81	Qy	1102 CGCCATAACTCCCTGAATGTTATGCTGCTCCCTTGAGGGAAAAACGATGGATGCCA 110	
Db	1 CCTTCACGGACTCTTCATTGCTGGTGGCAATGATGATGCCAGATGTTGGGGC 60	Db	1081 CGCCATAACTCCCTGAATGTTATGCTGCTCCCTTGAGGGAAAAACGATGGATGCCA 111	
Qy	82 TAGAAAGAGTTGTTGGAAACCTGGTTATGGCTCTGATCATATCCCCTAT 141	Qy	1162 GGGTACTCTGGAGGACCACTGGTAGTCTGAGATCTGGTACCTTGCTGG 122	
Db	61 TAGAAAGAGTTGTTGGAAACCTGGTTATGGCTCTGATCATATCCCCTAT 120	Db	1141 GGGTACTCTGGAGGACCACTGGTAGTCTGAGATCTGGTACCTTGCTGG 121	
Qy	142 TGTCTCTGGCAATGTTGCAATTGGACTCACTGTTCAATTGAGATAATCAAAGAAC 201	Qy	1222 AATAGTGACTGCTGGGAGATGAATGGAACAGCTGGTTATACTAGAT 122	
Db	121 TGTCTCTGGCAATGTTGCAATTGGACTCACTGTTCAATTGAGATAATCAAAGAAC 180	Db	1201 AATAGTGACTGCTGGGAGATGAATGGAACAGCTGGTTATACTAGAT 121	
Qy	202 CTACAATTACTATGCAATTGCTATTGCAACTGACAAACTATATGGTGAATTGGTGGAG 261	Qy	1282 TACGCCCTCGGGACTGGATTACTCTTCAAAACGGTATCTAAAGAGAAAAGCCCTCATG 132	
Db	181 CTACAATTACTATGCAATTGCTATTGCAACTGACAAACTATATGGTGAATTGGTGGAG 240	Db	1261 TACGCCCTCGGGACTGGATTACTCTTCAAAACGGTATCTAAAGACAAAAGCCCTCATG 131	
Qy	262 AGGGCTCTTAACATTGCTATTGCAATTGCAACTGACAAACTATATGGTGAATTGGTGGAG 321	Qy	1342 GAAAGATAACATTTTTGGTTTTGGGTGGAGGCCATTTTAGAGATAAGATAAGAT 141	
Db	241 AGGGCTCTTAACATTGCTATTGCAATTGCAACTGACAAACTATATGGTGAATTGGTGGAG 300	Db	1321 GAAAGATAACATTTTTGGGTGGAGGCCATTTTAGAGATAAGATAAGAT 132	
Qy	322 ATTTTATAATCTCCATTAGGGAAATTGGGAAATTGGTCAAGTTCAAGTTCAAGTTCA 381	Qy	1402 TGGAGAGACTGCTGGAAAACAGCTGAGTTGACTGATCTCHATAAAACTGGTTGCTGATGC 142	
Db	301 ATTTTATAATCTCCATTAGGGAAATTGGGAAATTGGTCAAGTTCAAGTTCAAGTTCA 360	Db	1381 TGGAGAGACTGCTGGAAAACAGCTGAGTTGACTGATCTCHATAAAACTGGTTGCTGATGC 143	
Qy	382 ACAGAGCATGGAGTGTGGCTCATATGCTGTTGATTGTPAGATTCACTCTAGGGA 441	Qy	1462 A 1462	
Db	361 ACAGAGCATGGAGTGTGGCTCATATGCTGTTGATTGTPAGATTCACTCTAGGGA 420	Db	1441 A 1441	
Qy	442 TCCTGAACACTGTGATAAAATTGTTCACTGTGTTAACATGAAAGCTGCAATGCTGT 501	RESULT 6		
Db	421 TCCTGAACACTGTGATAAAATTGTTCACTGTGTTAACATGAAAGCTGCAATGCTGT 480	US-10-206-915-319		
Qy	502 AGGACCCCTAAAGTAGATCCTCACTGTTAACATGAAAGCTGCAATGCTGT 561	; Sequence 319, Application US/10206915		
Db	481 AGGACCCCTAAAGTAGATCCTCACTGTTAACATGAAAGCTGCAATGCTGT 540	; Publication No. US2004029221A1		
Qy	562 AGACAGGTTATCAACATTGCTGGCAACAGGAAGAGTAACACTGTTCACTGCT 621	; GENERAL INFORMATION:		
Db	541 AGACAGGTTATCAACATTGCTGGCAACAGGAAGAGTAACACTGCT 600	; APPLICANT: Baker, Kevin P.		
Qy	622 CAGGATCTGGCAATGCTGGCAAGCTGAGTGAAGAGGGTGAATGGCTGTCGA 681	; APPLICANT: Chen, Jian		
Db	601 CAGGATCTGGCAATGCTGGCAAGCTGAGTGAAGAGGGTGAATGGCTGTCGA 660	; APPLICANT: Desnoyers, Luc		
Qy	682 GTGGGATGGGAGTCATGCTGTTGGAGAACCTTAATTATGCCCCATGGCTGTCGA 741	; APPLICANT: Goddard, Audrey		
Db	661 STGGGATGGGAGTCATGCTGTTGGAGAACCTTAATTATGCCCCATGGCTGTCGA 720	; APPLICANT: Godowski, Paul J.		
Qy		; APPLICANT: Gurney, Austin L.		
Db		; APPLICANT: Pan, James		
Qy		; APPLICANT: Smith, Victoria		
Db		; APPLICANT: Watanae, Colin K.		
Qy		; APPLICANT: Wood, William I.		
Db		; APPLICANT: Zhang, Zemin		
Qy		; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME		
Db		; FILE REFERENCE: P3430R10C13		

CURRENT APPLICATION NUMBER: US/10/2016, 915
 CURRENT FILING DATE: 2002-07-26
 PRIOR APPLICATION NUMBER: 10/052586
 PRIOR FILING DATE: 2002-01-15
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059266
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/05250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/063120
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063121
 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063486
 PRIOR FILING DATE: 1997-10-21
 PRIOR APPLICATION NUMBER: 60/063540
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063541
 PRIOR FILING DATE: 1997-10-28
 PRIOR APPLICATION NUMBER: 60/063544
 PRIOR FILING DATE: 1997-10-28
 Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 612
 SEQ ID NO: 319
 LENGTH: 2103
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-206-115-319

Query Match 97.9%; Score 1439.4; DB 13; Length 2103;
 Best Local Similarity 99.9%; Pred. No. 0;
 Matches 1440; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 22 CCTTCAAGGACTCTTATTGGTTGGCATGATGATACTCGCCAGATGTTGAGGGC 81
 Db 1 CCTTCAGGACTCTTATTGGTTGGCATGATGATACTCGCCAGATGTTGAGGGC 60

QY 82 TAGGAAAGAGGTGTTGGAAACCCCTGGTTATGGCTGTCATCTTCATATCCCAGT 141
 Db 61 TAGGAAAGAGGTGTTGGAAACCCCTGGTTATGGCTGTCATCTTCATATCCCAGT 120

QY 142 TGTCCCTGGCAGCTGCTGGACTCATCTGGTCAATTGGAGATAATATCAAAGAGAC 201
 Db 121 TGTCCCTGGCAGCTGCTGGACTCATCTGGTCAATTGGAGATAATATCAAAGAGAC 180

QY 202 CTACAATTAATAGGACATTTGTCATTAACCTGAAACTATATGCTGAGTTGCCAG 261
 Db 181 CTACAATTAATAGGACATTTGTCATTAACCTGAAACTATGCTGAGTTGCCAG 240

QY 262 AGGGCTCTAACATTACATTACAGTTTACAGAAATAGCCAGAGCTTGATCAAGT 321
 Db 241 AGGGCTCTAACATTACATTACAGTTTACAGAAATAGCCAGAGCTTGATCAAGT 300

QY 322 ATTTCATTAATCTCCATTAACTGGAAGAATTGTCAGTTTACAGTTCAAGTCACT 381
 Db 301 ATTTCATTAATCTCCATTAACTGGAAGAATTGTCAGTTCAAGTCACT 360

QY 382 ACAGAAGGCTGGAGTCTGGCTCATATGCTGTTGATTGTCAGTTCAACTCTGGGA 441
 Db 361 ACAGAAGGCTGGAGTCTGGCTCATATGCTGTTGATTGTCAGTTCAACTCTGGGA 420

QY 442 TCTGAAACTGTAAATAATTGTCACCTGGTCAACTTGTAACTGAAAGCTGCAAGATGCTG 501
 Db 421 TCTGAAACTGTAAATTGTCACCTGGTCAACTTGTAACTGAAAGCTGCAAGATGCTG 480

QY 502 AGGACCCCTTAAACATGCTGGAAACAGGAAGAAGTAAACTCTAGGTCAAGTCT 561
 Db 481 AGGACCCCTTAAACATGCTGGAAACAGGAAGAAGTAAACTCTAGGTCAAGTCT 540

QY 562 AGACAGCTATCTAAACATGCTGGAAACAGGAAGAAGTAAACTCTAGGTCAAGTCT 621
 Db 541 AGACAGCTATCTAAACATGCTGGAAACAGGAAGAAGTAAACTCTAGGTCAAGTCT 600

RESULT 7
 US-10-19-670-319
 Sequence 319, Application US/10199670
 Publication No. US20040033560A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Desnoyers, Luc
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.

APPLICANT: Pan, James
Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
FILE REFERENCE: P3430RICK401

CURRENT APPLICATION NUMBER: US/10/199-670
CURRENT FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/052586
PRIOR FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059266
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063120
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063121
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063486
PRIOR FILING DATE: 1997-10-21
PRIOR APPLICATION NUMBER: 60/063540
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063541
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063544
PRIOR FILING DATE: 1997-10-28
PRIOR Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 612
SEQ ID NO: 319
LENGTH: 2103
TYPE: DNA
ORGANISM: Homo Sapien
US-10-199-670-319

Query Match 97.9%; Score 1439.4; DB 13; Length 2103;
Best Local Similarity 99.9%; Pred. No. 0; Gaps 0;
Matches 1440; Conservative 0; Mismatches 1; Indels 0;

QY 1 CCTTCAGAGACTCTTATGCTGGTTGCAATGATGATCGGCAGATGGTCAGGGC 81
DB 1 CCTTCAGAGACTCTTATGCTGGTTGCAATGATGATCGGCAGATGGTCAGGGC 60
QY 82 TAGGAAAAGACTTTGGGAAACCCCTGGGTATCGCCTCATCTCATATCCGTAT 141
DB 61 TAGGAAAAGACTTTGGGAAACCCCTGGGTATCGCCTCATCTCATATCCGTAT 120
QY 142 TGTCCCGGCACTGTCGATTGGAATCTACTGTCATTATGTCGAGTTGGCAG 201
DB 121 TGCCCGGCACTGTCGATTGGAATCTACTGTCGAGTTGGCAG 180
QY 202 CTACAATTAATAGGCCATGTCATTAACACTGTCATTAACACTGTCGAGTTGGCAG 261
DB 181 CTACAATTAATAGGCCATGTCATTAACACTGTCATTAACACTGTCGAGTTGGCAG 240
QY 322 ATTTTATAATCTCCATTAAAGGGAAAGATTACGAAATTGAGCTGTCATTAACGTTCA 321
DB 301 ATTTTATAATCTCCATTAAAGGGAAAGATTGAGCTGTCATTAACGTTCA 360
QY 382 ACGAAGGATGGGATGGCTGATCTGTCAGTTCACTCPACTGGGA 441
DB 361 ACGAAGGATGGGATGGCTGATCTGTCAGTTCACTCPACTGGGA 420
QY 442 TCCCTGAACCTGAGATAAATTGTTCAACTTGTGTTAATGAAAGCTGCAAGATGGT 501
DB 421 TCCIGAAACCTGAGATAAATTGTTCAACTTGTGTTAATGAAAGCTGCAAGATGGT 480

Qy 502 AGGACCCCTAAAGTAGATCTCCATCTCAGTTAAATTAAATACTAACAGAACAAAC 561
Db 481 AGGACCCCTAAAGTAGATCTCCATCTCAGTTAAATTAAATACTAACAGAAC 540
Qy 562 AGACAGTATCTAAACCATTGTCGGAACACGAAAGAGTAAACCTAGGTCAAGTCT 621
Db 541 AGACAGTATCTAAACCATTGTCGGAACACGAAAGAGTAAACCTAGGTCAAGTCT 600
Qy 622 CAGGATGTTGTTGGACAGAGTAGAGAGGGTATGGCCCTGTCAGGCTGCA 681
Db 601 CAGGATGTTGTTGGGACAGAGTAGAGAGGGTATGGCCCTGTCAGGCTGCA 660
Qy 682 GTCGGATGGACTCATCGCTGGACCTTAATTATGCCACATGGCTTGAGTGC 741
Db 661 GTCGGATGGACTCATCGCTGGACAGAGTAGAGAGGGTATGGCCCTGTCAGTGC 720
Qy 742 TGCTACCTGTTTACACATATAAGAACCTGTCGAGATGGACTGTCCTTGGATPAC 801
Db 721 TGCTACCTGTTTACACATATAAGAACCTGTCGAGATGGACTGTCCTTGGATPAC 780
Qy 802 AAATAAAACTCTCGAAAATGAAATGGGCTCTCCGGAAACCTTAAATTATGCCATGAAATACTGA 861
Db 781 AAATAAAACTCTCGAAAATGAAATGGGCTCTCCGGAAACCTTAAATTATGCCATGAAATACTGA 840
Qy 862 ACACCCATCACATGACTATGATAATTCTCTCTGAGGCTTCTAGCCCTGTCCTCAC 921
Db 841 ACACCCATCACATGACTATGATAATTCTCTGAGGCTTCTAGCCCTGTCCTCAC 900
Qy 922 AAATGCACTACATGAGTTGTCUCCCTGATGATGATTCAGTTCAACCAGGTGACT 981
Db 901 AAATGCACTACATGAGTTGTCUCCCTGATGATGATTCAGTTCAACCAGGTGACT 960
Qy 982 GATTTTGTCGACAGGATTGGGACTGAAATTGATGCTTACGGTCAAATCTCTCG 1041
Db 961 GATTTTGTCGACAGGATTGGGACTGAAATTGATGCTTACGGTCAAATCTCTCG 1020
Qy 1042 ACAACACAGGTGACTCTAGACGCTCACATGAGCTCACATGCAACTCTGTCATGAACTATGCA 1101
Db 1021 ACAACACAGGTGACTCTAGACGCTCACATGAGCTCACATGCAACTCTGTCATGAACTATGCA 1080
Qy 1102 CGCCATAACTCTAAATGTTATGCTGCTCTCTAGGAAAACAGATGGCATGCCA 1161
Db 1081 CGCCATAACTCTAAATGTTATGCTGCTCTCTAGGAAAACAGATGGCATGCCA 1140
Qy 1162 GGTTGACTCTGGGAGACCACTGGGAGATGATGTCGTTGTTGACTCTGCTGG 1221
Db 1141 GGTTGACTCTGGGAGACCACTGGGAGATGTCGTTGACTCTGCTGG 1200
Qy 1222 AATATGCGCTGGGAGATGATGTCGTTGTTGACTCTGCTGG 1281
Db 1201 AATATGCGCTGGGAGATGATGTCGTTGACTCTGCTGG 1260
Qy 1282 TACGGCCTTGGGAGCTGGATTACTCTCAAACACTGTTGACTCTGCTGG 1341
Db 1261 TACGGCCTTGGGAGCTGGATTACTCTCAAACACTGTTGACTCTGCTGG 1320
Qy 1342 GACAGATAACATTGTTGTTGGGAGCTGGATTACTCTCAAACACTGTTGACTCTGCTGG 1401
Db 1321 GACAGATAACATTGTTGTTGGGAGCTGGATTACTCTCAAACACTGTTGACTCTGCTGG 1380
Qy 1402 TGGAGAGACTGCAAAACGTTGACTGTTGACTCTCAAACACTGTTGACTCTGCTGG 1461
Db 1381 TGGAGAGACTGCAAAACGTTGACTGTTGACTCTCAAACACTGTTGACTCTGCTGG 1440
Qy 1462 A 1462
Db 1441 A 1441

RESULT 8
US-10-01-858-319
; Sequence 319, Application US/10201858
; Sequence 319, Application US/10201858

Qy	1342	GAACGATACATTTTGTGTTGGGTGATTGGCCATTAGATACAGAT 1401	142	TGTCCTGGCAGTGTGATTGGACTCACTGGTCACTTGTGAGATAATCAAGAACAC 201
Db	1321	GAACGATACATTTTGTGTTGGGTGATTGGCCATTAGATACAGAT 1380	121	TGTCCTGGCAGTGTGATTGGACTCACTGGTCACTTGTGAGATAATCAAGAACAC 180
Qy	1402	TGGAGAGACTTGCAGAAACGCTAGATTGACTGATCTCATTAAC 1461	202	CTPACAATTACTATAGCACATTGTCATTTACAACACTATGCTGAGTTGGCAG 261
Db	1381	TGGAGAGACTTGCAGAAACGCTAGATTGACTGATCTCATTAAC 1440	181	CTPACAATTACTATAGCACATTGTCATTTACAACACTATGCTGAGTTGGCAG 240
Qy	1462	A 1462	262	AGAGGCTCTAACATTACAGAATGAGCCAGAGACTTGAACTATGTGAAATATGC 321
Db	1441	A 1441	241	AGAGGCTCTAACATTACAGAATGAGCCAGAGACTTGAAATATGC 300
Qy	381	RESULT 10	322	ATTTATAATTCTCATTAGGGAGAAGATTGTCAGTCTCAGTTAGTTAGCTCA 381
US-10-208-024-319	Sequence 319,	Application US/10208024	301	ATTTATAATTCTCATTAGGGAGAAGATTGTCAGTCTCAGTTAGCTCA 360
; PUBLICURAL INFORMATION;	; PUBLICURAL INFORMATION;	; PUBLICURAL INFORMATION;	382	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 441
; APPLICANT: Baker, Kevin P.	; APPLICANT: Baker, Kevin P.	; APPLICANT: Baker, Kevin P.	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 420
; APPLICANT: Chen, Jian	; APPLICANT: Chen, Jian	; APPLICANT: Chen, Jian	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 400
; APPLICANT: Desnoyers, Luc	; APPLICANT: Desnoyers, Luc	; APPLICANT: Desnoyers, Luc	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 380
; APPLICANT: Goddard, Audrey	; APPLICANT: Goddard, Audrey	; APPLICANT: Goddard, Audrey	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 360
; APPLICANT: Godowski, Paul J.	; APPLICANT: Godowski, Paul J.	; APPLICANT: Godowski, Paul J.	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 340
; APPLICANT: Gurney, Austin L.	; APPLICANT: Gurney, Austin L.	; APPLICANT: Gurney, Austin L.	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 320
; APPLICANT: Pan, James	; APPLICANT: Pan, James	; APPLICANT: Pan, James	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 300
; APPLICANT: Smith, Victoria	; APPLICANT: Smith, Victoria	; APPLICANT: Smith, Victoria	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 280
; APPLICANT: Watanabe, Colin K.	; APPLICANT: Watanabe, Colin K.	; APPLICANT: Watanabe, Colin K.	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 260
; APPLICANT: Wood, William I.	; APPLICANT: Wood, William I.	; APPLICANT: Wood, William I.	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 240
; APPLICANT: Zhang, Zemin	; APPLICANT: Zhang, Zemin	; APPLICANT: Zhang, Zemin	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 220
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME	; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME	; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME	502	AGGACCCCTTAAGTAGATCTCACTCAGTTAAATTAAATCAAGAACGAAAC 561
; FEE REFERENCE: P343.0F1C538	; FEE REFERENCE: P343.0F1C538	; FEE REFERENCE: P343.0F1C538	481	AGGACCCCTTAAGTAGATCTCACTCAGTTAAATTAAATCAAGAACGAAAC 540
; CURRENT APPLICATION NUMBER: US/110/208,024	; CURRENT APPLICATION NUMBER: US/110/208,024	; CURRENT APPLICATION NUMBER: US/110/208,024	442	TCCCTGAACTGTGATGATAAAATGTCAACTGTGTTGAGCT 501
; CURRENT TILING DATE: 2002-07-29	; CURRENT TILING DATE: 2002-07-29	; CURRENT TILING DATE: 2002-07-29	421	TCCCTGAACTGTGATGATAAAATGTCAACTGTGTTGAGCT 480
; PRIOR APPLICATION NUMBER: 10/052586	; PRIOR APPLICATION NUMBER: 10/052586	; PRIOR APPLICATION NUMBER: 10/052586	382	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 441
; PRIOR FILING DATE: 2002-01-15	; PRIOR FILING DATE: 2002-01-15	; PRIOR FILING DATE: 2002-01-15	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 420
; PRIOR APPLICATION NUMBER: 60/059963	; PRIOR APPLICATION NUMBER: 60/059963	; PRIOR APPLICATION NUMBER: 60/059963	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 400
; PRIOR FILING DATE: 1997-09-18	; PRIOR FILING DATE: 1997-09-18	; PRIOR FILING DATE: 1997-09-18	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 380
; PRIOR APPLICATION NUMBER: 60/059266	; PRIOR APPLICATION NUMBER: 60/059266	; PRIOR APPLICATION NUMBER: 60/059266	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 360
; PRIOR FILING DATE: 1997-09-18	; PRIOR FILING DATE: 1997-09-18	; PRIOR FILING DATE: 1997-09-18	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 340
; PRIOR APPLICATION NUMBER: 60/062250	; PRIOR APPLICATION NUMBER: 60/062250	; PRIOR APPLICATION NUMBER: 60/062250	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 320
; PRIOR FILING DATE: 1997-10-17	; PRIOR FILING DATE: 1997-10-17	; PRIOR FILING DATE: 1997-10-17	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 300
; PRIOR APPLICATION NUMBER: 60/063120	; PRIOR APPLICATION NUMBER: 60/063120	; PRIOR APPLICATION NUMBER: 60/063120	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 280
; PRIOR FILING DATE: 1997-10-24	; PRIOR FILING DATE: 1997-10-24	; PRIOR FILING DATE: 1997-10-24	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 260
; PRIOR APPLICATION NUMBER: 60/063121	; PRIOR APPLICATION NUMBER: 60/063121	; PRIOR APPLICATION NUMBER: 60/063121	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 240
; PRIOR FILING DATE: 1997-10-24	; PRIOR FILING DATE: 1997-10-24	; PRIOR FILING DATE: 1997-10-24	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 220
; PRIOR APPLICATION NUMBER: 60/063486	; PRIOR APPLICATION NUMBER: 60/063486	; PRIOR APPLICATION NUMBER: 60/063486	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 200
; PRIOR FILING DATE: 1997-10-21	; PRIOR FILING DATE: 1997-10-21	; PRIOR FILING DATE: 1997-10-21	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 180
; PRIOR APPLICATION NUMBER: 60/063540	; PRIOR APPLICATION NUMBER: 60/063540	; PRIOR APPLICATION NUMBER: 60/063540	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 160
; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 140
; PRIOR APPLICATION NUMBER: 60/063541	; PRIOR APPLICATION NUMBER: 60/063541	; PRIOR APPLICATION NUMBER: 60/063541	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 120
; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 100
; PRIOR APPLICATION NUMBER: 60/063544	; PRIOR APPLICATION NUMBER: 60/063544	; PRIOR APPLICATION NUMBER: 60/063544	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 80
; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	; PRIOR FILING DATE: 1997-10-28	361	ACAGAAGCATGGAGTGTGGCTCATATGTGTTGATTGTGATTCTACTGAGGA 60
; NUMBER OF SEQ ID NOS: 612	; NUMBER OF SEQ ID NOS: 612	; NUMBER OF SEQ ID NOS: 612	922	AAATAAAACCTTTCGAAATGAAACCGGGTCAACAGGTGATGT 981
; LENGTH: 103	; LENGTH: 103	; LENGTH: 103	901	AAATAAAACCTTTCGAAATGAAACCGGGTCAACAGGTGATGT 960
; TYPE: DNA	; TYPE: DNA	; TYPE: DNA	961	GATGTTTGTGACGAGATTCGAACTGGTCAACAGGTGATGT 1041
; ORGANISM: Homo Sapien	; ORGANISM: Homo Sapien	; ORGANISM: Homo Sapien	1042	ACAAACACAGGGTGAACCTCTCATAGAAGCTCAACCTTAACATGA 1101
US-10-208-024-319	Query Match 97.9%; Best Local Similarity 99.9%; Matches 1440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1021	ACAAACACAGGGTGAACCTCTCATAGAAGCTCAACCTTAACATGA 1084
Query Match 97.9%; Best Local Similarity 99.9%; Matches 1440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1102	CGCCATTAACCTCTCATAGAAGCTCAACCTTAACATGA 1161	
Query Match 97.9%; Best Local Similarity 99.9%; Matches 1440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1081	GGGTAACTCTGGAGGACCACTGGTACCTTGTGCTGGCTCCTGG 1144	
Query Match 97.9%; Best Local Similarity 99.9%; Matches 1440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1162	GGGTAACTCTGGAGGACCACTGGTACCTTGTGCTGGCTCCTGG 1222	
Query Match 97.9%; Best Local Similarity 99.9%; Matches 1440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	Qy	1141	GGGTAACTCTGGAGGACCACTGGTACCTTGTGCTGGCTCCTGG 1201	

QY 11.02 CGCCATACTCTAGAATGTTATGTGCTGGTCCCTTAAGGGAAAACAGATGCATGCCA 1161
 Db 1.081 CGCCATACTCTAGAATGTTATGTGCTGGTCCCTTAAGGGAAAACAGATGCATGCCA 1140
 Db 11.62 GGGTGTCTGGAGAACACTGGTAGTTAGTCAGATGAGATATCTGTTACCTTGCTGG 1221
 QY 11.41 GGGTGTCTGGAGAACACTGGTAGTTAGTCAGATGAGATATCTGTTACCTTGCTGG 1200
 Db 12.22 AATAGTGAAGCTGGGGATGATGCGAACCCANAAAGCCTGGTTATACCTAGAGT 1281
 QY 12.01 AATAGTGAAGCTGGGGATGATGCGAACCCAAAGCCTGGTTATACCTAGAGT 1260
 QY 12.82 TAGGCCCTTGGGACTGGGATTACTCTAAACACTGTTATCTAAGAGAAAAGCCATG 1341
 Db 12.61 TAGGCCCTTGGGACTGGGATTACTCTAAACACTGTTATCTAAGAGAAAAGCCATG 1320
 QY 13.42 GRACAGTAACTACATTCTTGTGGGGCCATTGTAGAGATAAGAAAT 1401
 Db 13.21 GRACAGTAACTACATTCTTGTGGGGCCATTGTAGAGATAAGAAAT 1380
 QY 14.02 TGGAGAGACTGCAAAACAGTAGTTGATTTGACTGATCTAAATADACTGTTGCTGTC 1461
 Db 13.81 TGGAGAGACTGCAAAACAGTAGTTGACTGATCTCAATAAACCTGTCCTGTC 1440
 QY 14.62 A 1462
 Db 14.41 A 1441
 Db 14.21 A 1421
 QY 181 CTACAATTACTATACCACATTGTCATTAAACACTGAACTATATGCTGAGTGGCAG 240
 Db 262 AGAGGTTCTAACATTTCAGAAATGCCCCAGACTGAACTCATGAAATGCG 321
 QY 241 AGGGCTCTAACATTTCAGAAATGCCCCAGACTGAACTCATGAAATGCG 300
 Db 322 ATTATAAAATCTCCATTAGGGAGAAATTGTCAGTCAGTTATCAGTCAGTCA 381
 QY 301 ATTATAAACTCTCCATTAGGGAGAAATTGTCAGTCAGTTATCAGTCAGTCA 360
 Db 382 ACAGAGCATGGGATGTTGGCTCATATGCTGTTGATTGTGATGTTCACTCTGAGGA 441
 QY 361 ACAGAGCATGGGATGTTGGCTCATATGCTGTTGATTGTGATGTTCACTCTGAGGA 420
 Db 442 TCCTGAAACTCTGAGATAAAATTGTCACACTGTTTACATGAAAGCTGCAAGATGCTGT 501
 QY 421 TCCTGAAACTCTGAGATAAAATTGTCACACTGTTTACATGAAAGCTGCAAGATGCTGT 480
 Db 502 AGAACCCCTTAAGTAGATCTCCTCACTCAGTAAATTAAAMATCACAGACGAAAC 561
 QY 481 AGAACCCCTTAAGTAGATCTCCTCACTCAGTAAATTAAAMATCACAGACGAAAC 540
 Db 562 AGACAGCTATCTAAACATTGCTGGGAAACAGAGAAAGTAAACCTCTAGTCAGTCT 621
 QY 541 AGACAGCTATCTAAACATTGCTGGGAAACAGAGAAAGTAAACCTCTAGTCAGTCT 600
 Db 622 CAGGATGTTGTTGGGACAGAGTAGAGAGTAGAGGTTGATGGCCCTGGCAGGGTAGCTGCA 681
 Db 601 CAGGATGTTGTTGGGACAGAGTAGAGAGTAGAGGTTGATGGCCCTGGCAGGGTAGCTGCA 660
 Db 682 GTGGGATGGGACTCATGGCTTGGGAAACCTTAATTAAATGCCACATGGCTTGTGAGTGC 741
 QY 661 GTGGGATGGGACTCATGGCTTGGGAAACCTTAATTAAATGCCACATGGCTTGTGAGTGC 720
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey E.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William J.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3210R1CL
 ; CURRENT APPLICATION NUMBER: US/10/063,745
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO: 105
 ; LENGTH: 2103
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-745-105

RESULT 12
 US-10-063-745-105
 ; Sequence 105, Application US/10063745
 ; Publication No. US2004005841A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey E.
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William J.
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3210R1CL
 ; CURRENT APPLICATION NUMBER: US/10/063,745
 ; CURRENT FILING DATE: 2002-05-09
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 170
 ; SEQ ID NO: 105
 ; LENGTH: 2103
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 US-10-063-745-105

Query Match 97.9%; Score 1439.4; DB 13; Length 2103;
 Best Local Similarity 99.9%; Pred. No. 0;
 Matches 1440; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 22 CCTTCAGGACTCTCATGGCTGGCATGTTGATCGGGCAATGCTGGGGC 81
 Db 1 CCTTCAGGACTCTCATGGCTGGCATGTTGATCGGGCAATGCTGGGGC 60
 QY 82 TAGGAAAGAGCTTGTGGAAACCCCTGGTTATGCCCTGTCATATCCCTGAT 141
 Db 61 TAGGAAAGAGCTTGTGGAAACCCCTGGTTATGCCCTGTCATATCCCTGAT 120
 QY 142 TGTCCTGGCAGTGTGATTGACTCTGTTATGGAGATTAATCAGAGAC 201
 Db 121 TGTCCTGGCAGTGTGATTGACTCTGTTATGGAGATTAATCAGAGAC 180
 QY 202 CTACAATTACTATAGGACATTTGTCATTACAACTATATGCTGAGTTGGCAG 261

Db 1042 ACAGACAGGACTCTCATAGCCTGAACTCTGCAATGAACTCTGCTG 1041
 QY 982 GATTTGTGAGGAACTGGACCTGAGCTTACCTGTTACAGTCAAGCTG 900
 Db 781 AAATGCACTACATGAGTTGCTCCCTGATGCTCCCTGATGCTGAACTG 981
 Db 901 AAATGCACTACATGAGTTGCTCCCTGATGCTGAACTG 960
 Db 1042 ACACCCATCACATGACTATGATACTTCTCTGGAGCTTTGCTCCCTGAC 921
 Db 841 ACACCCATCACATGACTATGATACTTCTCTGGAGCTTTGCTCCCTGAC 861
 Db 721 TGGTCACTGTTAACATATAAGACCTCTGGGACTGCTCCCTGAGTAAC 801
 QY 742 TGGTCACTGTTAACATATAAGACCTCTGGGACTGCTCCCTGAGTAAC 780
 Db 802 AAATAAAACCTTCGAAATGAAACGGGCTCCGGGATTAATGCAAAATCAA 840
 Db 781 AAATAAAACCTTCGAAATGAAACGGGCTCCGGGATTAATGCAAAATCAA 840
 QY 862 ACACCCATCACATGACTATGATACTTCTCTGGAGCTTTGCTCCCTGAC 921
 Db 841 ACACCCATCACATGACTATGATACTTCTCTGGAGCTTTGCTCCCTGAC 900
 QY 922 AAATGCACTACATGAGTTGCTCCCTGATGCTCCCTGATGCTGAACTG 981
 Db 901 AAATGCACTACATGAGTTGCTCCCTGATGCTGAACTG 960
 QY 982 GATTTGTGAGGAACTGGACCTGAGCTTACCTGTTACAGTCAAGCTG 900
 Db 961 GATTTGTGAGGAACTGGACCTGAGCTTACAGTCAAGCTG 981
 QY 1042 ACAGACAGGACTCTCATAGCCTGAACTCTGCAATGAACTCTGCTG 1041
 Db 1021 ACAGACAGGACTCTCATAGCCTGAACTCTGCTG 1080
 QY 1102 CGCCATAACTCTCATGAACTGTTGCTGCTCTTGTAGGAAAAACGATCATGCCA 1161
 Db 1081 CGCCATAACTCTCATGAACTGTTGCTGCTCTTGTAGGAAAAACGATCATGCCA 1140
 Db 1162 GGTTGACTCTGGAGGACCTGTTGCTGCTGCTCTTGTAGGAAAAACGATCATGCCA 1221
 Db 1141 GGTTGACTCTGGAGGACCTGTTGCTGCTCTTGTAGGAAAAACGATCATGCCA 1200
 QY 1222 ATATCTGAGCTGGGGAGATGAATGTGAAACCCAAAGCCTGGGGTTATCTGAGT 1281
 Db 1201 ATATCTGAGCTGGGGAGATGAATGTGAAACCCAAAGCCTGGGGTTATCTGAGT 1260
 QY 1282 TACGCCCTGGCAGTGTGATTGACTCTGTTATGGAGATTAATCAGAGAC 1341

Db	1261	TACGGCTTGGGGACTGGATTACTTCAAAAGCTGGTATCTAAGAGACAAAAGCCTGTG	1320	Qy	442	TCCGAAACTGTAGATAAAATTGTCACACTGTTTACATGAAAGCTGCAGATGCTGT	501
Qy	1342	GAACAGATAACATTTCGGTTGGGTGGGGCAATTAGATAAGATAACAGAT 1401		Db	421	TCCGAAACTGTAGATAAAATTGTCACACTGTTTACATGAAAGCTGCAGATGCTGT	480
Db	1321	GAACAGATAACATTTCGGTTGGGTGGGGCAATTAGATAAGATAACAGAAAC 561		Qy	502	AGGACCCCTTAAGTAGATCCCTCATCGTTAAATTAAATCACAGAGAAC	
Qy	1402	TGGAGAAGACATTGCAAACAGCTAGATTGACTCATCTAATAACCTTGCTGATGC	1461	Db	481	AGGACCCCTTAAGTAGATCCCTCATCGTTAAATTAAATCACAGAGAAC	540
Db	1381	TGGAGAAGACATTGCAAACAGCTAGATTGACTCATCTAATAACCTTGCTGATGC	1440	Qy	562	AGACAGCTATCTAAACATTGCTGGGACACAGAGTAALACTCTAGGTAGCT	621
Qy	1462	A 1462		Db	541	AGACAGCTATCTAAACATTGCTGGGACACAGAGTAALACTCTAGGTAGCT	600
Db	1441	A 1441		Qy	622	CAGGATCGTGGGGACAGAAGTAGAGGGTGAATGGCCCTGGCAGGGTAGCCTGCA	681
Qy				Db	601	CAGGATCGTGGGGACAGAAGTAGAGGGTGAATGGCCCTGGCAGGGTAGCCTGCA	660
Qy				Qy	682	GTCGATGGGGACTGATCGCTGTGGAGACCTTAATTATGCCATGCTGGAGTC	741
Db				Db	661	GTCGATGGGGACTGATCGCTGTGGAGACCTTAATTATGCCATGCTGGAGTC	720
Qy				Qy	742	TGCCTACTGTTTACAACATATAAGAAACCTGGAGAGATTTGCTGGAGTC	801
Db				Db	721	TGCCTACTGTTTACAACATATAAGAAACCTGGAGAGATTTGCTGGAGTC	780
Qy				Qy	802	ATAAAACCTTGAAATGAAACGGGTCTCGGAGAAATTGTCATGAAATAACAA	861
Db				Qy	781	ATAAAACCTTGAAATGAAACGGGTCTCGGAGAAATTGTCATGAAATAACAA	840
Qy				Db	862	ACACCCATCACATGACTATGATAATTCTCGAGCTTCACCGTGTG	921
Db				Db	901	AAATGAGATAATAGTTGCTCCCTGATGAAACCGGCTTCACCTACAC	960
Qy				Qy	982	GATGTTGACAGGATTGGAGACTGAAATGATGGTTACAGTCAAATCACTTCTG	1041
Db				Db	961	GATGTTGACAGGATTGGAGACTGAAATGATGGTTACAGTCAAATCACTTCTG	1020
Qy				Qy	1042	ACAGACAGGTGACTCTCATAGACGCTAACACTCAAGCTAACATGATGCA	1101
Db				Db	1021	ACAGACAGGTGACTCTCATAGACGCTAACACTCAAGCTAACATGATGCA	1080
Qy				Qy	1102	CCCATACCTCTAGATGTTGCTGCTTACTTCAGATGAAATGAGATGATGCCA	1161
Db				Db	1081	CCCATACCTCTAGATGTTGCTGCTTACTTCAGATGAAATGAGATGATGCCA	1140
Qy				Qy	1162	GCGTGAATCTGGGGAGCCACTGTTACTTCAGATGAAATGAGATGATGCCA	1221
Db				Db	1141	GGTGACTCTGGGGAGCCACTGTTACTTCAGATGAAATGAGATGATGCCA	1200
Qy				Db	1222	ATAGTGAATCTGGGGAGGATGATGTTGCTGCTTATACTAGT	1281
Db				Db	1201	ATAGTGAATCTGGGGAGGATGATGTTGCTGCTTATACTAGT	1260
Qy				Db	1282	TAGGCTCTGGGGACTGATCTTACAGGAAACCTCTGATCTTACAGGAAACCTCTG	1341
Db				Db	1261	TAAGGCTCTGGGGACTGATCTTACAGGAAACCTCTGATCTTACAGGAAACCTCTG	1320
Qy				Qy	1342	GAAGAGATAACATTTTGGGGGGCATTTTAACTAGATACAGAAT	1401
Db				Db	1321	GAAGAGATAACATTTTGGGGGGCATTTTAACTAGATACAGAAT	1380
Qy				Db	1402	TGAGAAAGACTGCTAACACAGCTAGATTGACTGTCATAAACTGTTGATGC	1461
Db				Qy	1381	TGAGAAAGACTGCTAACACAGCTAGATTGACTGTCATAAACTGTTGATGC	1440
Qy				Db	1462	A 1462	
Db				Qy	1441	A 1441	
Qy				Db			
Qy				Qy	382	ACAGAGCATGGGGCTCATATGCTGTTGATGAGCTACTGAGGA	441
Db				Db	361	ACAGAGCATGGGGCTCATATGCTGTTGATGAGCTACTGAGGA	420

APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECURED TRANSMEMBRANE POLYPEPTIDES AND NUCLEAR
 ACIDS ENCODING THE SAME
 FILE REFERENCE: P322-0R1C1
 CURRENT APPLICATION NUMBER: US/10/063,549
 CURRENT FILING DATE: 2002-05-02
 PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 170
 SEQ ID NO: 105
 LENGTH: 2103
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-063-549-105

Query Match 97.9%; Score 1439.4; DB 13; Length 2103;
 Best Local Similarity 99.9%; Pred. No. 0;
 Matches 1440; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 22 CCTTCACAGGAACTCTCATATGCTGGTGGCAATGATGTTGGCCAGAATGGTCAGGSC 81
 Db 1 CCTTGAGGAACTCTCATATGCTGGTGGCAATGATGTTGGCCAGAATGGTCAGGSC 60
 QY 82 TAGGAAAGACTTTGGAAACCCCTGGITATCGCTCATCTCATATCCGTAT 141
 Db 61 TAGGAAAGACTTTGGAAACCCCTGGITATCGCTCATCTCATATCCGTAT 120
 QY 142 TGTCCCTGGCACTGGCAATGGCACTCATCTCATATGGAGATAATATCAAAGAGAC 201
 Db 121 TGTCCCTGGCACTGGCAATGGCACTCATCTCATATGGAGATAATATCAAAGAGAC 180
 QY 202 CTACAATTACTATAGGCCATCTGTCATTACACTGAACAACTATATGCTGAGTTGGCAG 261
 Db 181 CTACAATTACTATAGGCCATCTGTCATTACACTGAACAACTATATGCTGAGTTGGCAG 240
 Db 262 AGAGGCTTCTAACATTACAGAAATTAGCCAGAGCTGAATCATGGTGAANATGC 321
 QY 241 AGAGGCTTCTAACATTACAGAAATTAGCCAGAGCTGAATCATGGTGAANATGC 300
 QY 322 ATTTTATAAACTCCATTAAAGGGAAGAATTGGTCAAACTCTCAGGTTTAACATTCAGTC 381
 Db 301 ATTTTATAAACTCCATTAAAGGGAAGAATTGGTCAAACTCTCAGGTTTAACATTCAGTC 360
 QY 382 ACAGAAAGCATGGAGTTGGCICATATGCTGTTGATTTGCAAGTTCAGTTCAAGTGG 441
 Db 361 ACAGAAAGCATGGAGTTGGCICATATGCTGTTGATTTGCAAGTTCAGTTCAAGTGG 420
 QY 442 TCTGMACTGTAGATAAATGTTCAACTTGTTCATGAAAGTGCAGATGGTGT 501
 Db 421 TCTGMAACTGTAGATAAATGTTCAACTTGTTCATGAAAGTGCAGATGGTGT 480
 QY 502 AGGACCCCTAAAGTAGTAACTGCTCACTCTGAGTAAATAAAAAAATCAACAGAAC 561
 Db 481 AGGACGATCATCPAAACATTGCTGCGAAACAGGAACTCTGAGTAAACTCTGAGTAC 540
 QY 562 AGGACGATCATCPAAACATTGCTGCGAAACAGGAACTCTGAGTAAACTCTGAGTAC 621
 Db 541 AGGACGATCATCPAAACATTGCTGCGAAACAGGAACTCTGAGTAAACTCTGAGTAC 600
 QY 622 CAGGATCGTTGGCAAGAGTAGAGAAGCTGAGGTTGAACTGCAATGGCCCTGAGCTGCA 681
 Db 601 CAGGATCGTTGGCAAGAGTAGAGAAGCTGAGGTTGAACTGCAATGGCCCTGAGCTGCA 660
 QY 682 GTGGGATGGGGAGTCACTGCTGAGAACCCTTAATATGCAATGGCCCTGAGCTGCA 741
 Db 661 GTGGGATGGGGAGTCACTGCTGAGAACCCTTAATATGCAATGGCCCTGAGCTGCA 720
 QY 742 TGCTCACTGTTAACATACATAGAACCTGCTGAGAAGCTCTCTTGGAGTAAC 801
 Db 721 TGCTCACTGTTAACATACATAGAACCTGCTGAGAAGCTCTCTTGGAGTAAC 780
 QY 802 AATAAAACCTTCGAAAATGAAACCGGGCTCTCCGGAGAAATTGTCATGAAAATACAA 861
 Db 781 AATAAAACCTTCGAAAATGAAACCGGGCTCTCCGGAGAAATTGTCATGAAAATACAA 840

Search completed: May 16, 2004, 05:31:28
 Job time : 664.5 secs